










PRODUCT DIRECTORY 2017-18

ALPHABETICAL PRODUCT INDEX

 New Product

CX Series	80	MXA-DVI2828	16	PM-CR101	24	PM-HOS4S-U	8
CX-Connector	80	MXA-DVI3232	16	PM-CR101-U	28	PM-HOS4S-UV	8
DCE II Tx/Rx	34	MXA-DVI88	16	PM-CR101-U-RF	45	PM-HOS4-U	8
DD-120	64	MX-DVI84	16	PM-CR102	24	PM-HOS4-UV	8
DD-2100	65	MX-DVI88	16	PM-CR102-U	28	PM-SIS4	7
DD-250	64	ODC Tx/Rx	39	PM-CR103	24	PM-SIS4-V	7
DR1000	51	OLC II Tx/Rx	41	PM-CR103-U	28	PM-SOS4	10
DR1000RV	52	OLC III Tx/Rx	40	PM-CR104-U	28	PM-SOS4-U	10
DRS1000RV	38	OLC Tx/Rx	41	PM-CR104-U-RF	46	PM-SOS4-UV	10
DS-41R	66	PI010	91	PM-CT101	23	PM-SOS4-V	10
DT1000	51	PI015	91	PM-CT101-RF	48	PS1500 Series	87
DT1000RV	52	PI020	91	PM-CT101-U	27	PS1700 Series	87
DTE Tx/Rx	34	PI030	91	PM-CT101-U-RF	43	PS1720 Series	88
DTS1000RV	38	PI035	91	PM-CT102	23	PS1740 Series	88
DVI-DOC	70	PI040	91	PM-CT102-U	27	PS2000 Series	88
DVI-DOC-F	70	PI045	91	PM-CT102-U-RF	43	PS-6300S	20
EZ-D	81	PI050	91	PM-CT103	23	RF4-U	42
EZ-H	81	PI055	92	PM-CT103-U	27	RF6	47
EZH2-Series	81	PI060	92	PM-CT104-U	27	RFCC	42
EZ-S	82	PI065	92	PM-CT104-U-RF	44	SC-DS1	73
EZS-Cable	82	PI070	92	PM-DIS4	6	SC-SD2	74
FLC2 Series	82	PI075	92	PM-DIS4-U	6	SE-DDL	75
FLC4 Series	82	PI080	92	PM-DIS4-UV	6	UHD-120	54
HBM-01	80	PI085	92	PM-DOS4	8	UHD2-140	54
HCE II Tx/Rx	33	PI090	92	PM-DOS4S	8	UHD-280	55
HCE III Tx/Rx	31	PI100	93	PM-DOS4S-QV	9	UHDS-41R	58
HCE II-RF	33	PI1000 Series	83	PM-DOS4S-QVV	9	UHD-Scaler-FC	68
HC-HD1	71	PI105	93	PM-DOS4S-U	8	ULS1000 Series	89
HC-VH1	71	PI1100 Series	83	PM-DOS4S-UV	9	UX-4400	11
HD-2100	63	PI1200 Series	83	PM-DOS4-U	8	UX-8800	12
HD-250	63	PI1300 Series	84	PM-DOS4-UV	9	VIP-100H II Tx/Rx	105
HDG 2.0	77	PI150	93	PM-FIS4	7	VIP-200D Tx	108
HDG-mini	76	PI155	93	PM-FIS4-U	7	VIP-200DV Rx	109
HDS-21RS	61	PI160	93	PM-FIS4-UV	7	VIP-200H Rx	109
HDS-41R	62	PI170	93	PM-FOS4	9	VIP-200H Tx	107
HDWall 100	56	PI2000 Series	84	PM-FOS4-U	9	VIP-200V Tx	108
HDX II Tx/Rx	39	PI3000 Series	84	PM-FOS4-UV	9	VIP-300H-U Tx/Rx	112
HE101-U	78	PI4000 Series	85	PM-FR101	26	VIP-NET-0448-1G	100
HEXA01	72	PI4100 Series	85	PM-FR101-U	30	VIP-NET-0815-10G	103
HR1000	50	PI4200 Series	85	PM-FR101-U-RF	46	VIP-NET-0824-1G	101
HT1000	50	PI4300 Series	86	PM-FR102	26	VIP-NET-1203-10G	104
HT-150	59	PI5000 Series	86	PM-FR102-RF	49	VIP-NET-2404-1G	101
HT-150-KIT	60	PI5100 Series	86	PM-FR102-U	30	VIP-NET-4804-1G	102
HT-150-RM	60	PI5200 Series	87	PM-FR103	26	VPX	114
HTE III Tx/Rx	32	PLH Series	90	PM-FR103-U	30		
HTE Tx/Rx	33	PM-128X	5	PM-FT101	25		
HTR Tx/Rx	35	PM-16X	4	PM-FT101-RF	48		
HTR-RFR	35	PM-180X	5	PM-FT101-U	29		
HTR-RFT	35	PM-256X	5	PM-FT101-U-RF	44		
HTX-4400-U	14	PM-32X	5	PM-FT102	25		
HTX-8800-U	15	PM-48X	5	PM-FT102-RF	49		
HTX-Rx	37	PM-64X	5	PM-FT102-U	29		
HTX-Rx-S	36	PM-80X	5	PM-FT102-U-RF	45		
HX-4400S	13	PM-8X	4	PM-FT103	25		
MPX Software	98	PM-AIS4	7	PM-FT103-U	29		
MPX-100 II	96	PM-CIS4	6	PM-HIS4-U	6		
MPX-50	97	PM-CIS4-U	6	PM-HIS4-UV	6		
MXA-DVI1212	16	PM-CIS4-UV	6	PM-HOS4	8		
MXA-DVI1616	16	PM-COS4	9	PM-HOS4S	8		
MXA-DVI2020	16	PM-COS4-U	9	PM-HOS4S-MV-U	8		
MXA-DVI2424	16	PM-COS4-UV	9	PM-HOS4S-MV-UV	8		

	Matrix Switchers
	Presentation Systems
	Extenders
	Switchers & DAs
	Format Converters
	Cables & Accessories
	Digital Signage Solutions
	Video over IP Solutions

PRODUCT CATEGORY INDEX

 New Product

Matrix Switchers

PM-8X	4
PM-16X	4
PM-32X	5
PM-48X	5
PM-64X	5
PM-80X	5
PM-128X	5
PM-180X	5
PM-256X	5
PM-HIS4-U	6
PM-HIS4-UV	6
PM-DIS4	6
PM-DIS4-U	6
PM-DIS4-UV	6
PM-CIS4	6
PM-CIS4-U	6
PM-CIS4-UV	6
PM-FIS4	7
PM-FIS4-U	7
PM-FIS4-UV	7
PM-SIS4	7
PM-SIS4-V	7
PM-AIS4	7
PM-HOS4	8
PM-HOS4S	8
PM-HOS4-U	8
PM-HOS4-UV	8
PM-HOS4S-MV-U	8
PM-HOS4S-MV-UV	8
PM-HOS4S-U	8
PM-HOS4S-UV	8
PM-DOS4	8
PM-DOS4S	8
PM-DOS4-U	8
PM-DOS4S-U	8
PM-DOS4-UV	9
PM-DOS4S-UV	9
PM-DOS4S-QV	9
PM-DOS4S-QVV	9
PM-COS4	9
PM-COS4-U	9
PM-COS4-UV	9
PM-FOS4	9
PM-FOS4-U	9
PM-FOS4-UV	9
PM-SOS4	10
PM-SOS4-U	10
PM-SOS4-V	10
PM-SOS4-UV	10
UX-4400	11
UX-8800	12
HX-4400S	13
HTX-4400-U	14
HTX-8800-U	15
MXA-DVI1212	16
MXA-DVI1616	16
MXA-DVI2020	16
MXA-DVI2424	16
MXA-DVI2828	16

MXA-DVI3232	16
MXA-DVI88	16
MX-DVI84	16
MX-DVI88	16

Presentation Systems

PS-6300S	20
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Extenders

PM-CT101	23
PM-CT102	23
PM-CT103	23
PM-CR101	24
PM-CR102	24
PM-CR103	24
PM-FT101	25
PM-FT102	25
PM-FT103	25
PM-FR101	26
PM-FR102	26
PM-FR103	26
PM-CT101-U	27
PM-CT102-U	27
PM-CT103-U	27
PM-CT104-U	27
PM-CR101-U	28
PM-CR102-U	28
PM-CR103-U	28
PM-CR104-U	28
PM-FT101-U	29
PM-FT102-U	29
PM-FT103-U	29
PM-FR101-U	30
PM-FR102-U	30
PM-FR103-U	30
HCE III Tx/Rx	31
HTE III Tx/Rx	32
HCE II Tx/Rx	33
HCE II-RF	33
HTE Tx/Rx	33
DCE II Tx/Rx	34
DTE Tx/Rx	34
HTR Tx/Rx	35
HTR-RFR	35
HTR-RFT	35
HTX-RX-S	36
HTX-Rx	37
DRS1000RV	38
DTS1000RV	38
HDX II Tx/Rx	39
ODC Tx/Rx	39
OLC III Tx/Rx	40
OLC II Tx/Rx	41
OLC Tx/Rx	41
RF4-U	42
RFCC	42
PM-CT101-U-RF	43
PM-CT102-U-RF	43
PM-CT104-U-RF	44
PM-FT101-U-RF	44
PM-FT102-U-RF	45

PM-CR101-U-RF	45
PM-CR104-U-RF	46
PM-FR101-U-RF	46
RF6	47
PM-CT101-RF	48
PM-FT101-RF	48
PM-FT102-RF	49
PM-FR102-RF	49
HR1000	50
HT1000	50
DR1000	51
DT1000	51
DR1000RV	52
DT1000RV	52

Switchers & DAs

UHD-120	54
UHD2-140	54
UHD-280	55
HDWall-100	56
UHDS-41R	58
HT-150	59
HT-150-RM	60
HDS-21RS	61
HDS-41R	62
HD-250	63
HD-2100	63
DD-120	64
DD-250	64
DD-2100	65
DS-41R	66

Format Converters

UHD-Scaler-FC	68
DVI-DOC	70
DVI-DOC-F	70
HC-VH1	71
HC-HD1	71
HEXA01	72
SC-DS1	73
SC-SD2	74
SE-DDL	75
HDG-mini	76
HDG 2.0	77
HE101-U	78

Cables & Accessories

CX Series	80
CX-Connector	80
HBM-01	80
EZD Series	81
EZH Series	81
EZH2 Series	81
EZS-Cable	82
EZS-Tx/Rx	82
FLC2 Series	82
FLC4 Series	82
PI1000 Series	83
PI1100 Series	83
PI1200 Series	83
PI1300 Series	84

PI2000 Series	84
PI3000 Series	84
PI4000 Series	85
PI4100 Series	85
PI4200 Series	85
PI4300 Series	86
PI5000 Series	86
PI5100 Series	86
PI5200 Series	87
PS1500 Series	87
PS1700 Series	87
PS1720 Series	88
PS1740 Series	88
PS2000 Series	88
ULS1000 Series	89
PLH Series	90
PI010	91
PI015	91
PI020	91
PI030	91
PI035	91
PI040	91
PI045	91
PI050	91
PI055	92
PI060	92
PI065	92
PI070	92
PI075	92
PI080	92
PI085	92
PI090	92
PI100	93
PI105	93
PI150	93
PI155	93
PI160	93
PI170	93

Digital Signage Solutions

MPX100 II	96
MPX50	97
MPX Software	98

Video over IP Solutions

VIP-NET-0448-1G	100
VIP-NET-0824-1G	101
VIP-NET-2404-1G	101
VIP-NET-4804-1G	102
VIP-NET-0815-10G	103
VIP-NET-1203-10G	104
VIP-100H II Tx/Rx	105
VIP-200H Tx	107
VIP-200D Tx	108
VIP-200V Tx	108
VIP-200H Rx	109
VIP-200DV Rx	109
VIP-300H-U Tx/Rx	112
VPX	114



Matrix Switchers

PM | UX | HX | HTX | MXA | MX

PureLink's comprehensive line of media and data distribution systems – from its flagship PureMedia signal management solutions to first-in-class HDMI 2.0a matrix switchers – integrate a variety of powerful features to reliably distribute Ultra HD video, audio, and control signals from multiple sources to multiple displays/destinations. PureLink matrix switching systems are engineered to provide flexible, customized solutions to meet any design requirement, driving mission-critical A/V from corporate boardrooms to command centers across the globe.

1. PM-256X 256x256 PureMedia™ Matrix Switcher
2. PM-180X 180x180 PureMedia™ Matrix Switcher
3. PM-128X 128x128 PureMedia™ Matrix Switcher
4. PM-80X 80x80 PureMedia™ Matrix Switcher
5. PM-64X 64x64 PureMedia™ Matrix Switcher
6. PM-48X 48x48 PureMedia™ Matrix Switcher
7. PM-32X 32x32 PureMedia™ Matrix Switcher
8. PM-16X 16x16 PureMedia™ Matrix Switcher
9. PM-8X 8x8 PureMedia™ Matrix Switcher



PureMedia™ (PM) is a complete media and data distribution management solution, proven to work consistently and seamlessly to provide a scalable, configurable, controllable, and reliable HD ecosystem. PureMedia signal management solutions combine the industry's fastest switching speeds with the most flexible, hybrid architecture, built for the convenience of the user – now and in the future.

Ultra HD/4K

PureMedia offers a complete catalog of distribution and extension solutions for 4K/60 connectivity that can be customized for any application. From 4K matrix switcher frames to 4K extenders, all with TOTALWIRE™ (HDMI, HDBaseT, and Fiber) cabling, PureMedia solutions deliver a more seamless transition to 4K connectivity than any other provider.

Universal Cross-Platform Architecture

Advanced Cross-Platform Switching Technology allows any input, any frame rate, and any format to be converted to any output variation desired, with support for HDMI v1.4, DVI, 3G/HD-SDI, VGA/Component, Fiber Optic, and HDBaseT.

Fully Modular and Expandable

The modular, slot card build of PM Matrix Switchers (fully expandable from 4x4 to 256x256), combined with a comprehensive selection of input and output cards, provide endless combinations of connectivity and formats

Motore™ 4K Scaling

PureMedia matrix switching systems powered by Motore™ provide comprehensive features including Ultra HD upscaling and downscaling, frame rate conversion, smooth motion performance, crisp imaging, as well as auto-scaling for seamless reproduction on every display.

Diagnostics

PureMedia matrix switching systems provide diagnostic information of input signals, displays, slot cards, and connectivity. An assortment of test patterns is available to confirm output connections and display/image verification at various resolutions.

EDID Management

The PM product line is the only matrix switching system that automatically scales each output to match the EDID from the attached displays. The result is a quick, clean switch from source to display without any disparities in the image size, position, or aspect ratio. PureMedia matrix switchers provide the most comprehensive EDID management system available, ensuring proper image display without the need for additional emulation devices.

Control

With intuitive touch screen menus and a complete external control command set, PureMedia provides the features and functions that meet the unique requirements of each application. Third party control modules allow remote operation and automation of PM matrix switchers, providing a fully customizable solution that delivers a seamless user experience.

Features	Model Number I/O Capacity	
	PM-8X	PM-16X
	8x8	16x16
3G/HD-SDI, CATx (HDBaset), DVI, Fiber, HDMI, VGA, Component Video interchangeable switching	•	•
Ultra HD (4k2k) support	•	•
Full HD support (1080p, 1920 x 1200 @ 60Hz)	•	•
HDMI v1.4b support	•	•
Dual Link DVI support (2560 x 1600 @ 60Hz)	•	•
HDCP-compliant	•	•
EDID (Emulation and Selectable Presets)	•	•
5-pin Phoenix Balanced/Unbalanced Audio Matrix Routing	Optional	Optional
POE (all outputs simultaneously) for PM Tx and Rx Modular Extenders	•	•
Redundant Power	•	•
Advanced RS-232	•	•
Inputs directly compatible with PM Extender Transmitters	•	•
Outputs directly compatible with PM Extender Receivers	•	•
Selectable PCM 2 Channel Audio Extraction	•	•
Selectable Audio Insertion/Extraction	•	•
LCD Touchscreen Display with Security Lockout	•	•
Input/Output Signal Analysis (Resolution, EDID, HDCP)	•	•
Bi-Directional RS-232/LAN Control	•	•
Independent Input Monitoring Loop with HDMI output	•	•
Built-In Test Pattern Generator	•	•
Auto-Scaling with Don't Blink™ Switching Technology ^{3 4}	•	•
GenLock for 3G/HD-SDI	•	•
Field-Updateable Firmware (PC to USB)	•	•
Router-Based Firmware Updating of Extenders	•	•
Frame Only	•	•

- Beyond standard allotment, custom per channel audio matrix routing option available
- May require additional PSU add-on
- Router and receiver-based scaling via options PM-DOS4S, PM-HOS4S, PM-SOS4, PM-CR102 (-RF), and PM-FR102 (-RF) support up to HDMI v1.3
- Router and receiver-based scaling via options PM-DOS4S-U, PM-HOS4S-U, PM-SOS4-U, PM-CR102-U, and PM-FR102-U support up to HDMI v1.4

Input Card Options PM Series

HDMI



PM-HIS4-U

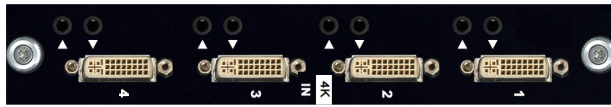
4 HDMI Inputs with Audio Insert/Extract



PM-HIS4-UV

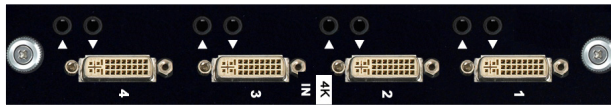
4 HDMI Inputs with Audio Insert/Extract for PM-180X - UltraHD 4K

DVI



PM-DIS4

4 DVI Inputs with Audio Insert/Extract - UltraHD 4K



PM-DIS4-U

4 DVI Inputs with Audio Insert/Extract - UltraHD 4K



PM-DIS4-UV

4 DVI Inputs with Audio Insert/Extract for PM-180X - UltraHD 4K

HDBaseT



PM-CIS4

4 HDBaseT & HDMI Inputs with Audio Insert/Extract - Full HD



PM-CIS4-U

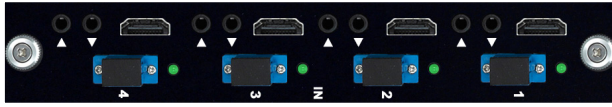
4 HDBaseT Inputs with Audio Insert/Extract - UltraHD 4K



PM-CIS4-UV

4 HDBaseT Inputs with Audio Insert/Extract for PM-180X - UltraHD 4K

Fiber



PM-FIS4

4 2LC Fiber & HDMI Inputs
with Audio Insert/Extract - Full HD



PM-FIS4-U

4 1LC Fiber Inputs
with Audio Insert/Extract - UltraHD 4K



PM-FIS4-UV

4 1LC Fiber Inputs
with Audio Insert/Extract for PM-180X - UltraHD 4K

SDI



PM-SIS4

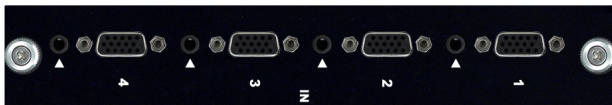
4 3G/HD-SDI Inputs with Audio Insert/Extract - Full HD



PM-SIS4-V

4 3G/HD-SDI Inputs
with Audio Insert/Extract for PM-180X - Full HD

VGA



PM-AIS4

4 VGA Inputs with Audio Insert - Full HD

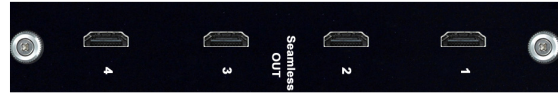
Output Card Options PM Series

HDMI



PM-HOS4

4 HDMI Outputs
with Audio Insert/Extract - Full HD



PM-HOS4S

4 HDMI Outputs with Auto-scaling & Seamless Switching - Full HD



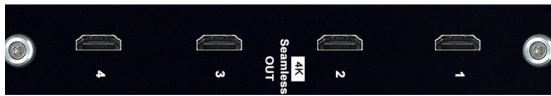
PM-HOS4-U

4 HDMI Outputs
with Audio Insert/Extract - Ultra HD 4K



PM-HOS4-UV

4 HDMI Outputs
with Audio Insert/Extract for PM-180X - Ultra HD 4K



PM-HOS4S-U

4 HDMI Outputs with Auto-scaling & Seamless Switching - Ultra HD 4K



PM-HOS4S-UV

4 HDMI Outputs with Auto-scaling & Seamless Switching for PM-180X- Ultra HD 4K



PM-HOS4S-MV-U

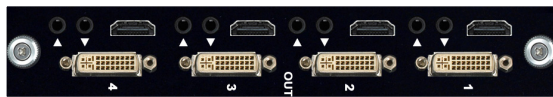
1 Multi-View HDMI Output with Auto-scaling & Seamless Switching - Ultra HD 4K



PM-HOS4S-MV-UV

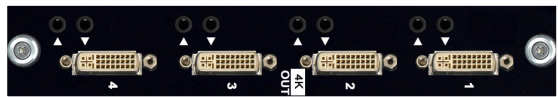
1 Multi-View HDMI Output with Auto-scaling & Seamless Switching - Ultra HD 4K

DVI



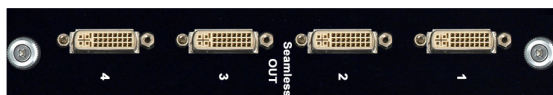
PM-DOS4

4 DVI & HDMI Outputs
with Audio Insert/Extract - Full HD



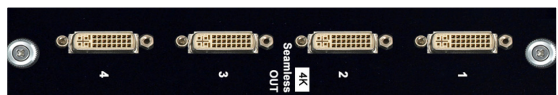
PM-DOS4-U

4 DVI Outputs with Audio Insert/Extract - Ultra HD 4K



PM-DOS4S

4 DVI Outputs with Auto-scaling & Seamless Switching - Full HD



PM-DOS4S-U

4 DVI Outputs with Auto-scaling & Seamless Switching - Ultra HD 4K

Output Card Options PM Series

DVI



PM-DOS4-UV

4 DVI Outputs with Audio Insert/Extract for PM-180X - Ultra HD 4K



PM-DOS4S-UV

4 DVI Outputs with Auto-scaling & Seamless Switching for PM-180X - Ultra HD 4K



PM-DOS4S-QV

1 Quad-View DVI Output with Auto-scaling & Seamless Switching - Full HD



PM-DOS4-QVV

1 Quad-View DVI Output with Auto-scaling & Seamless Switching for PM-180X - Full HD

HDBaseT



PM-COS4

4 HDBaseT & HDMI Outputs with Audio Insert/Extract - Full HD



PM-COS4-U

4 HDBaseT Outputs with Audio Insert/Extract - Ultra HD 4K



PM-COS4-UV

4 HDBaseT & HDMI Outputs with Audio Insert/Extract - Ultra HD 4K

Fiber



PM-FOS4

4 2 LC Fiber & HDMI Outputs with Audio Insert/Extract - Full HD



PM-FOS4-U

4 1LC Fiber Outputs with Audio Insert/Extract - Ultra HD 4K



PM-FOS4-UV

4 1LC Fiber & HDMI Outputs with Audio Insert/Extract for PM-180X - Ultra HD 4K

SDI



PM-SOS4

4 3G/HD-SDI Outputs with Audio Insert - Full HD



PM-SOS4-V

4 3G/HD-SDI Outputs with Audio Insert for PM-180X - Full HD



PM-SOS4-U

4 3G/HD-SDI Output Board with Ultra HD to Full HD Downscaling



PM-SOS4-UV

4 3G HD-SDI Outputs with 4K Downscaling & Audio Insert for PM-180X - Full HD



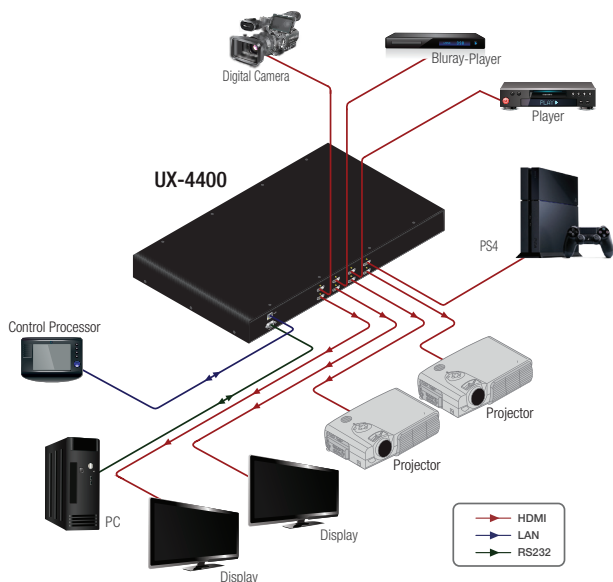
The UX-4400 provides switching of up to four HDMI 2.0a inputs and outputs with advanced EDID management and HDCP 2.2 compliance. The UX-4400 offers full Ultra HD/4K support and multiple control options including RS-232C and LAN ports. PureLink's legendary EDID management system ensures compatibility across multiple display types and delivers consistent connectivity with quick, clean switching from source to display for a seamless presentation experience.

Key Features

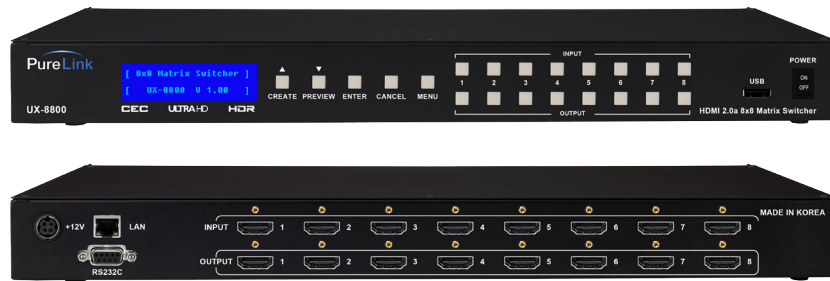
- 4x4 HDMI 2.0a matrix switching
- Resolutions up to 4K@50/60 Hz (4:4:4 pixel format)
- HDMI 2.0a, HDCP 2.2 support
- Advanced EDID Management
- Bi-directional RS232/LAN control
- Locking HDMI ports

Technical Specifications

INPUTS	4 HDMI
OUTPUTS	4 HDMI
RESOLUTION	4096 x 2160 @50/60Hz RGB/YCbCr 4:4:4 8 bits, 4:2:0 10/12/16 bits
DATA RATE	18 Gbps
OPERATING TEMPERATURE	32° ~ 117° F (0° to 47° C)
STORAGE TEMPERATURE	- 40° ~ 158° F (-40° to 70° C)
HUMIDITY	0 ~ 90% non-condensing
MTBF	95,000 hours
SUPPORTED FORMAT	HDMI 2.0a
COMPLIANCE	Yes HDCP 2.2
ACCESSORIES	DC +12V 5.0A Max 60w (power supply)
DIMENSIONS (W x D x H)	19" x 8.0" x 1.75" in. 482.6 x 203.2 x 44.45 mm
WEIGHT	6.7 lbs (3.04 kg)



Matrix Switcher | HDTools



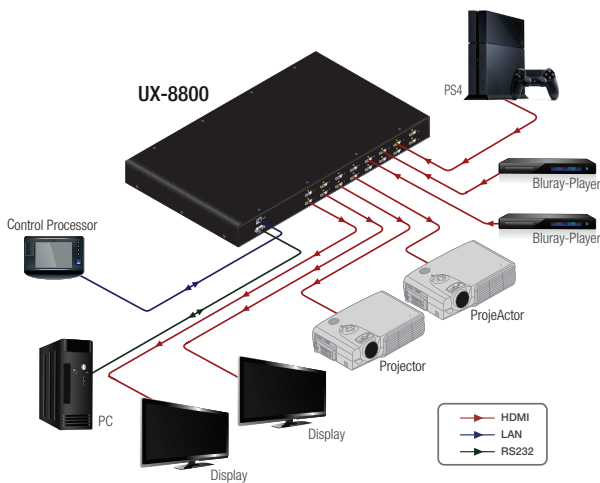
The UX-8800 provides switching of up to eight HDMI 2.0a inputs and outputs with advanced EDID management and HDCP 2.2 compliance. The UX-4400 offers full Ultra HD/4K support and multiple control options including RS-232C and LAN ports. PureLink's legendary EDID management system ensures compatibility across multiple display types and delivers consistent connectivity with quick, clean switching from source to display for a seamless presentation experience.

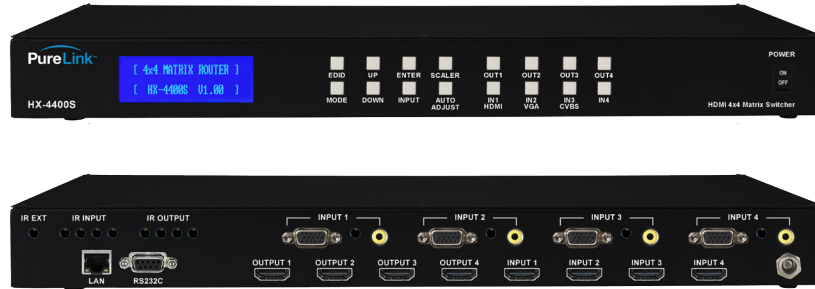
Key Features

- 8x8 HDMI 2.0a matrix switching
- Resolutions up to 4K@50/60 Hz (4:4:4 pixel format)
- HDMI 2.0a, HDCP 2.2 support
- Advanced EDID Management
- Bi-directional RS232/LAN control
- Locking HDMI ports

Technical Specifications

INPUTS	8 HDMI
OUTPUTS	8 HDMI
RESOLUTION	4096 x 2160 @50/60Hz RGB/YCbCr 4:4:4 8 bits, 4:2:0 10/12/16 bits
DATA RATE	18 Gbps
OPERATING TEMPERATURE	32° ~ 117° F (0° to 47° C)
STORAGE TEMPERATURE	- 40° ~ 158° F (-40° to 70° C)
HUMIDITY	0 ~ 90% non-condensing
MTBF	95,000 hours
SUPPORTED FORMAT	HDMI 2.0a
COMPLIANCE	Yes HDCP 2.2
ACCESSORIES	DC +12V 5.0A Max 60w (power supply)
DIMENSIONS (W x D x H)	19" x 8.0" x 1.75" in. 482.6 x 203.2 x 44.45 mm
WEIGHT	6.7 lbs (3.04 kg)

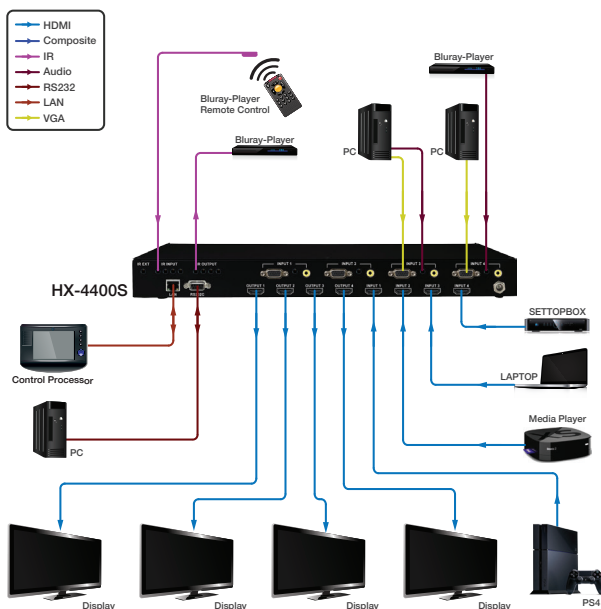




The HX-4400S is a (4) HDMI or VGA input to (4) HDMI output integrated matrix switcher featuring built-in Auto-scaling, Multiview, and video wall functionalities for high-impact digital signage and presentation applications. The HX-4400S provides a reliable and convenient solution for displaying content from four HD or analog sources on up to four separate HDTV displays. Each of the windows can be individually scaled and positioned on the screen as desired.

Key Features

- Don't Blink™ Seamless Switching with Auto-scaling
- Resolutions up to 1080p and 1920x1200 (WUXGA)
- HDCP compliant
- Default pre-configured Multiview window arrangements and video wall function
- Custom Multiview window layouts can be accessed via front panel buttons
- User-selectable playback of HDMI audio content from any of the four inputs
- Controllable via front panel controls, LAN, and RS-232
- Easy firmware upgrade via web server interface



Technical Specifications

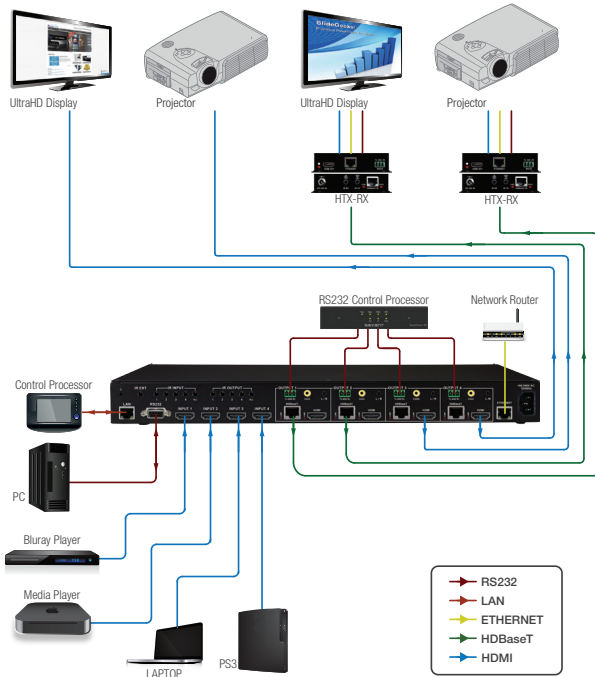
INPUTS	HDMI, DVI, VGA/Component, Composite
OUTPUTS	HDMI, DVI
HDMI RESOLUTION	480i to 1080p@60Hz,
VGA RESOLUTION	Up to 1920x1080@60Hz
DATA RATE	10.2 Gbps
OPERATING	32° ~ 117° F (0° to 47° C)
STORAGE	- 40° ~ 158° F (-40° to 70° C)
HUMIDITY	0 ~ 90% non-condensing
MTBF	50,000 hours
HDMI VERSION	HDMI 1.3
COMPLIANCE	Yes, HDCP 1.4
ACCESSORIES	DC +12V 2.5A (power supply)
DIMENSIONS	17.3" x 7.9" x 1.8" in
(W x D x H)	440 x 200 x 45
WEIGHT	5.2 lbs (2.38 kg)



The HTX-4400-U provides independent switching of (4) Ultra HD/4K sources to (4) remote destinations via HDBaseT™ (with HTX receivers, sold separately) and (4) local destinations via HDMI. It also features convenient third-party control system compatibility via TCP/IP, RS-232 or IR, comprehensive EDID management, and a compact 1RU, rack-mountable chassis for easy installation.

Key Features

- Provides matrix switching of (4) Ultra HD/4K inputs to (4) Ultra HD/4K outputs via HDMI and HDBaseT
- HDCP v2.2 Compliant
- HDMI 1.4b Ultra HD performance
- HDBaseT 5-Play Technology for transmission of 4K video, HD multichannel audio, bi-directional IR, RS-232, Ethernet, and power over a single CATx cable
- Mirrored HDMI/HDBaseT outputs, providing up to 8 possible output connections
- Full 3D support



Technical Specifications

INPUTS	4 x HDMI, 5 x IR Receiver 1x RS232, 1 x RJ-45(Control)
OUTPUTS	4 x RS232, 1X Ethernet(Network) 4 x CAT5e / 6 / 7
RESOLUTION	5 x IR Blaster, 4 x HDMI 480i, 576i, 480p, 576p, 720p, 1080i, 1080p24 / 30 / 50 / 60, 4Kx2K@30
DATA RATE	10.2 Gbps
OPERATING TEMPERATURE	32° ~ 104° F (0° to 40° C)
STORAGE TEMPERATURE	- 4° ~ 140° F (-20° to 60° C)
HUMIDITY	20 ~ 90 % RH (non-condensing)
MTBF	95,000 hours
HDMI VERSION	HDMI 1.4b
COMPLIANCE	Yes, HDCP 2.2
ACCESSORIES	DC +12V 5.0A (power supply)
DIMENSIONS (W x D x H)	17.32" x 7.87" x 1.77" in. 439.93 x 199.9 x 44.96 mm
WEIGHT	4.01 Lbs (1.8kg)



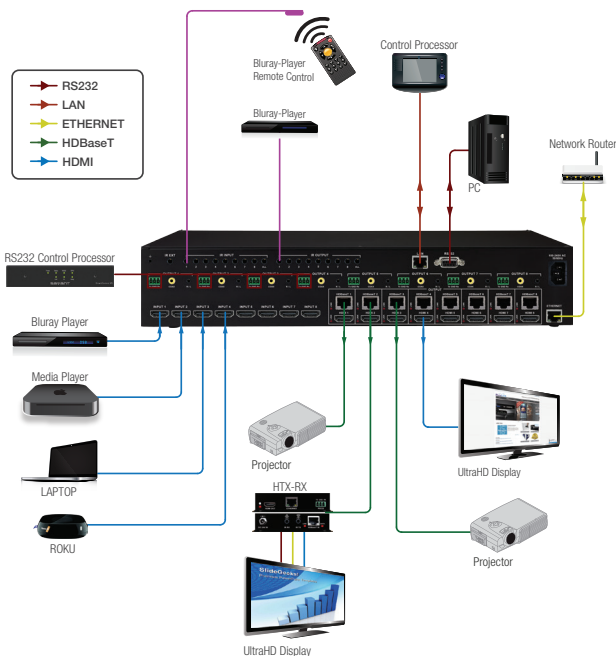
The HTX-8800-U provides independent switching of (8) Ultra HD/4K sources to (8) remote destinations via HDBaseT™ (with HTX receivers, sold separately) and (8) local destinations via HDMI. It also features convenient third-party control system compatibility via TCP/IP, RS-232 or IR, comprehensive EDID management, and a compact 2 RU, rack-mountable chassis for easy installation.

Key Features

- Provides matrix switching of (4) Ultra HD/4K inputs to (4) Ultra HD/4K outputs via HDMI and HDBaseT
- HDCP v2.2 Compliant
- HDBaseT 5-Play Technology for transmission of 4K video, HD multichannel audio, bi-directional IR, RS-232, Ethernet, and power
- Mirrored HDMI/HDBaseT™ outputs, providing up to 16 ports
- Audio de-embedding for each output via (1) RCA analog stereo or (1) RCA coaxial digital output
- Full 3D support (up to 1080p)

Technical Specifications

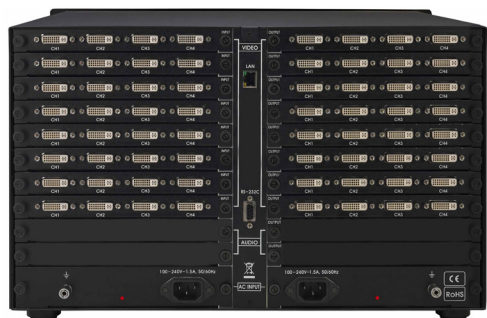
INPUTS	8 x HDMI, 9 x IR Receiver 1x RS232, 1 x RJ-45(Control)
OUTPUTS	8xCAT5e/ 6/ 7, 9xIR Blaster 8xHDMI, 8xAnalog Audio 8xDigital audio
RESOLUTION	480i, 576i, 480p, 576p, 720p, 1080i, 1080p24 / 30 / 50 / 60, 4Kx2K@30
DATA RATE	10.2 Gbps
OPERATING TEMPERATURE	32° ~ 104° F (0° to 40° C)
STORAGE TEMPERATURE	- 4° ~ 140° F (-20° to 60° C)
HUMIDITY	20 ~ 90 % RH (non-condensing)
MTBF	95,000 hours
HDMI VERSION	HDMI 1.4
COMPLIANCE	Yes, HDCP 2.2
ACCESSORIES	DC +12V 5.0A (power supply)
DIMENSIONS (W x D x H)	17.32" x 14.25" x 3.46" in. 439.93 x 361.95 x 88 mm
WEIGHT	14.77 Lbs (6.7kg)



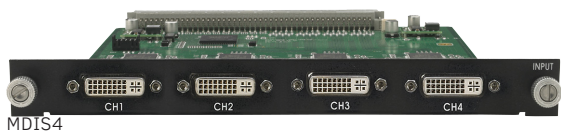
Matrix Switcher | HDTools



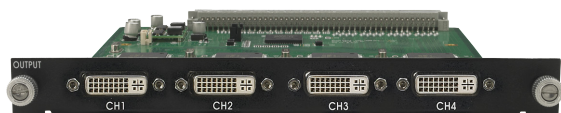
MXA-DVI1616



MXA-DVI3232 Rear view



MDIS4



MDOS4

The MXA-DVI Series provides high performance matrix switching of single link DVI signals with support for HDTV resolutions up to 1080p@60Hz. Available in I/O sizes from 8x8 to 32x32, the MXA-DVI Series is ideal for small to mid-sized networks that require high performance switching of DVI signals between multiple devices.

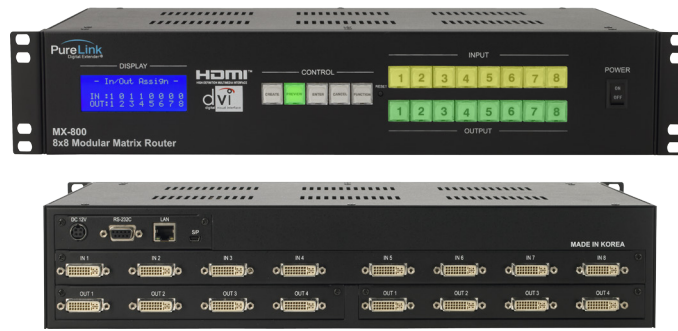
Key Features

- Available in I/O configurations from 8x8 to 32x32
- Supports WUXGA 1920x1200 and HDTV resolutions up to 1080p@60Hz
- HDCP compliant
- Advanced EDID management maintains communication between connected devices
- Control via touch screen display, LAN TCP/IP or RS-232C

Technical Specifications

INPUTS	8x8 Matrix Up to 32x32
OUTPUTS	8x8 Matrix Up to 32x32
PC RESOLUTION	Up to 1900x1200@60Hz
HDTV RESOLUTION	Up to 1920x1080p@60Hz
DATA RATE	5 Gbps
OPERATING	32° ~ 104° F (0° to 40° C)
STORAGE	- 4° ~ 140° F (-20° to 60° C)
HUMIDITY	20 ~ 90 % RH
MTBF	95,000 hours
DVI VERSION	DVI 1.0
COMPLIANCE	Yes, HDCP 1.4
ACCESSORIES	DC +12V 5.0A (power supply)
RACK MOUNTING	4 RU & 8 RU
DIMENSIONS (W x D x H)	19" x 11.57" x 7" in. 482 x 294 x 178 mm
WEIGHT	16 Lbs (7.26kg)

Item No.	Description
MXA-DVI88	8x8 DVI Matrix Switcher – Full HD
MXA-DVI1212	12x12 DVI Matrix Switcher – Full HD
MXA-DVI1616	16x16 DVI Matrix Switcher – Full HD
MXA-DVI2020	20x20 DVI Matrix Switcher – Full HD
MXA-DVI2424	24x24 DVI Matrix Switcher – Full HD
MXA-DVI2828	28x28 DVI Matrix Switcher – Full HD
MXA-DVI3232	32x32 DVI Matrix Switcher – Full HD



The MX-DVI Series provides high performance matrix switching of single link DVI signals with support for HDTV resolutions up to 1080p@60Hz. Featuring a modular design, the MX-800 provides eight (8) DVI inputs and a choice of four (4) or eight (8) DVI outputs for flexible, high performance switching of DVI signals between multiple devices.

Key Features

- Modular architecture with field-upgradeable I/O cards
- Supports WUXGA 1920 x 1200 and HDTV resolutions up to 1080p
- Supports up to 2.25 Gbps (Single Link) data transmission speed
- HDCP compliant
- Advanced EDID management maintains communication between connected devices

Technical Specifications

INPUTS	8 DVI
OUTPUTS	4 to 8 DVI
RESOLUTION	Up to 1920 x 1200 (WUXGA)
DISTANCE	Up to 50ft with Copper Cable
LCD DISPLAY WINDOW	20*4 LINES LCD
DATA RATE	Up to 2.25 Gbps
OPERATING	32° ~ 104° F (0° to 40° C)
STORAGE	- 4° ~ 140° F (-20° to 60° C)
HUMIDITY	20 ~ 90 % RH
MTBF	95,000 hours
DVI VERSION	DVI 1.0
COMPLIANCE	Yes, HDCP 1.4
ACCESSORIES	DC +12V 6.6A (power supply)
DIMENSIONS	17.1" x 8.6" x 3.5" in.
(W x D x H)	434.34 x 218.44 x 88.9 mm
WEIGHT	9.15 lbs (4.15 kg)



DIS8H



DOS4H

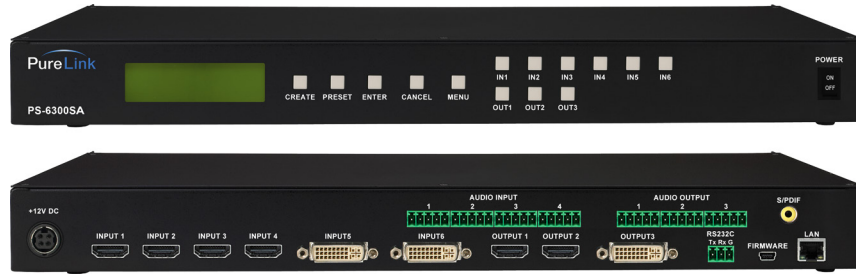
Item No.	Description
MX-DVI84	8x4 DVI Matrix Switcher, HDCP
MX-DVI88	8x8 DVI Matrix Switcher, HDCP



Presentation Systems

Ideal for small conference rooms, classrooms, and collaboration spaces, PureLink's HDTools presentation systems provide all-in-one operation including Ultra HD video and audio switching, scaling, extension and control in a single box. With built-in Don't Blink Seamless Switching Technology and advanced EDID management, PureLink presentation switchers combines powerful features with off the shelf simplicity for easy installation and maintenance.

PS-6300S 6x3 Presentation Switcher w/Auto-Scaling



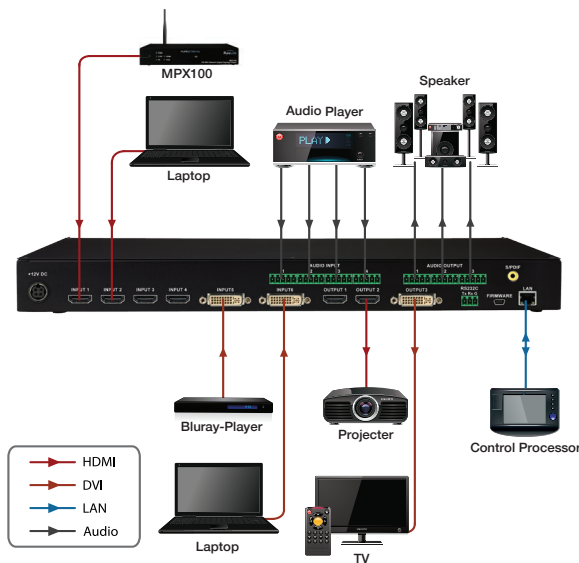
The PS-6300S is an all-in-one, high performance presentation switcher featuring a built-in auto-scaling and PIP (picture-in-picture) technology for dynamic video display. Together with PureLink's Don't Blink™ Seamless Switching Technology at every output, as well as user-friendly configuration and operation, the PS-6300SA provides full flexibility and convenience in any multimedia presentation environment.

Key Feature

- All-in-one device – matrix switcher, scaler, analog to digital converter, amplifier, and audio DSP
- Bi-directional 2K scaling with Don't Blink Seamless Switching
- PIP Image Insertion Technology
- 4x3 built-in Balanced/Unbalanced Audio Matrix
- Advanced EDID management
- RS-232/LAN control

Technical Specifications

INPUTS	4 HDMI 2 DVI-U
OUTPUTS	2 HDMI 1 DVI-U
INPUT AUDIO	4 Balanced/Un-balanced analog audio (5-pin phoenix connector)
OUTPUT AUDIO	3 Balanced/Un-balanced analog audio (5-pin phoenix connector) 1 S/PDIF digital audio (LPCM-2Ch, Dolby Digital, or DTS only)
PC RESOLUTION	Up to 1920x1200@ 60Hz
HDTV RESOLUTION	Up to 1080p@ 60Hz
CONNECTOR TYPE	DVI-U : Supports both analog and digital signals (HDMI, DVI, RGBHV, YPbPr)
MTBF	95,000 hours
SUPPORTED FORMAT	HDMI 1.3 DVI 1.0
COMPLIANCE	Yes, HDCP
OPERATING STORAGE	32° ~ 117° F (0° to 47° C) - 40° ~ 158° F (-40° to 70° C)
HUMIDITY	0 ~ 90% non-condensing
ACCESSORIES	DC 12V, 5A, 60W (power supply)
DIMENSIONS (W x D x H)	19" x 8.0" x 1.75" in. 482.6 x 203.2 x 44.45 mm
WEIGHT	6.7 lbs (3.04 kg)





Extenders

HDMI | DVI | HDBaseT | Fiber Optic

From wall plate and rack mountable extension packages to HDBaseT and fiber optic modular extender pairs, PureLink's signal extension systems deliver superior connectivity for long distance transmission of audio, video, and control signals – whether across the room or to another building.

2K HDBaseT Transmitter Options



PM-CT101

HDMI to HDBaseT Transmitter with IR & RS-232

Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
OUTPUT TYPE	HDBaseT 0,1,2,3+/- HDMI (Loop-thru)
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS (W x D x H)	6.3 X 4.4 X 1.7 in. 160 x 112 x 42 mm
WEIGHT	1.43 Lbs 0.65 kg



PM-CT102

HDMI/VGA to HDBaseT Transmitter with IR & RS-232

Technical Specifications

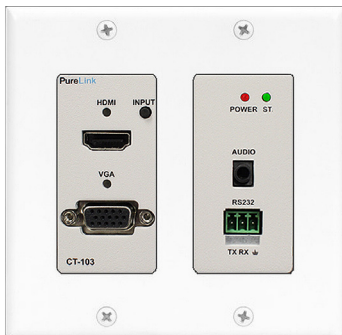
INPUT TYPE	DVI / HDMI (TMDS) VGA 3.5mm stereo audio
OUTPUT TYPE	HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS (W x D x H)	6.3 X 4.4 X 1.7 in. 160 x 112 x 42 mm
WEIGHT	1.43 Lbs 0.65 kg

PM-CT103

HDMI to HDBaseT Receiver with RS-232 - Wall Plate

Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) VGA 3.5mm stereo audio
OUTPUT TYPE	HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS (W x D x H)	3.6 X 4.24 X 2.25 in. 91.44 x 107.7 x 57.15 mm
WEIGHT	1.0 Lbs 0.45 kg



2K HDBaseT Receiver Options

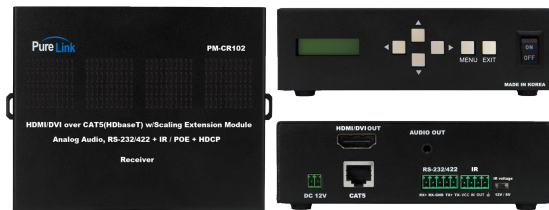


PM-CR101

HDBaseT to HDMI Receiver with IR & RS-232

Technical Specifications

INPUT TYPE	HDBaseT 0,1,2,3+/-
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS	6.3 X 4.4 X 1.7 in.
(W x D x H)	160 x 112 x 42 mm
WEIGHT	1.43 Lbs 0.65 kg



PM-CR102

HDBaseT to HDMI Receiver with Auto-scaling & Seamless Switching

Technical Specifications

INPUT TYPE	HDBaseT 0,1,2,3+/-
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS	6.3 X 5.7 X 1.7 in.
(W x D x H)	160 x 145 x 42 mm
WEIGHT	1.77 Lbs 0.80 kg

PM-CR103

HDBaseT to HDMI Receiver with RS-232 - Wall Plate

Technical Specifications

INPUT TYPE	HDBaseT 0,1,2,3+/-
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 15Watts Max (power supply)
DIMENSIONS	3.6 X 4.24 X 2.25 in.
(W x D x H)	91.44 x 107.7 x 57.15 mm
WEIGHT	1.0 Lbs 0.45 kg



2K Fiber Optic Transmitter Options



PM-FT101

HDMI to 2 LC Fiber Transmitter with RS-232

Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
OUTPUT TYPE	2LC Fiber HDMI (Loop-thru)
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	Single Mode : 6,600 ft (2km) Multi Mode : 1,650 ft (500m)
ACCESSORIES	DC +12V, 4 Watts Max (power supply)
DIMENSIONS (W x D x H)	6.3 X 4.4 X 1.7 in. 160 x 112 x 42 mm
WEIGHT	1.43 Lbs 0.65 kg



PM-FT102

HDMI/VGA to 2 LC Fiber Transmitter with RS-232

Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) VGA 3.5mm stereo audio
OUTPUT TYPE	2LC Fiber
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	Single Mode : 6,600 ft (2km) Multi Mode : 1,650 ft (500m)
ACCESSORIES	DC +12V, 4 Watts Max (power supply)
DIMENSIONS (W x D x H)	6.3 X 4.4 X 1.7 in. 160 x 112 x 42 mm
WEIGHT	1.43 Lbs 0.65 kg

PM-FT103

HDMI/VGA to 2 LC Fiber Transmitter with RS-232
- Wall Plate

Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) VGA 3.5mm stereo audio
OUTPUT TYPE	2LC Fiber
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	Single Mode : 6,600 ft (2km) Multi Mode : 1,650 ft (500m)
ACCESSORIES	DC +12V, 4Watts Max (power supply)
DIMENSIONS (W x D x H)	3.6 X 4.24 X 2.24 in. 91.44 x 107.7 x 57.15 mm
WEIGHT	1.0 Lbs 0.45 kg



2K Fiber Optic Receiver Options



PM-FR101

2 LC to HDMI Fiber Receiver with RS-232

Technical Specifications

INPUT TYPE	2LC Fiber
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	Single Mode : 6,600 ft (2km) Multi Mode : 1,650 ft (500m)
ACCESSORIES	DC +12V, 4 Watts Max (power supply)
DIMENSIONS (W x D x H)	6.3 X 4.4 X 1.7 in. 160 x 112 x 42 mm
WEIGHT	1.43 Lbs 0.65 kg



PM-FR102

2 LC Fiber to HDMI Receiver with Auto-scaling & Seamless Switching

Technical Specifications

INPUT TYPE	2LC Fiber
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	Single Mode : 6,600 ft (2km) Multi Mode: 1,650 ft (500m)
ACCESSORIES	DC +12V, 4 Watts Max (power supply)
DIMENSIONS (W x D x H)	6.3 X 5.7X 1.7 in. 160 x 145 x 42 mm
WEIGHT	1.77 Lbs 0.80 kg

PM-FR103

HDMI/VGA to 2 LC Fiber Transmitter with RS-232
- Wall Plate

Technical Specifications

INPUT TYPE	2LC Fiber
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	Single Mode : 6,600 ft (2km) Multi Mode : 1,650 ft (500m)
ACCESSORIES	DC +12V, 4Watts Max (power supply)
DIMENSIONS (W x D x H)	3.6 X 4.24 X 2.24 in. 91.44 x 107.7 x 57.15 mm
WEIGHT	1.0 Lbs 0.45 kg



4K HDBaseT Transmitter Options



PM-CT101-U
HDMI to HDBaseT Transmitter with RS-232

Technical Specifications

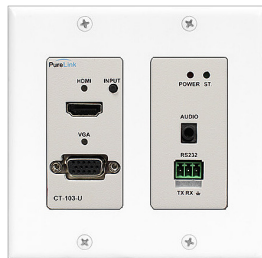
INPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
OUTPUT TYPE	HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS (W x D x H)	5.75 X 4.5 X 1.25 in. 144.78 x 114.3 x 31.75 mm
WEIGHT	0.5 Lbs 0.23 kg



PM-CT102-U
HDMI/VGA to HDBaseT Transmitter with RS-232

Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) VGA 3.5mm stereo audio
OUTPUT TYPE	HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS (W x D x H)	5.75 X 4.5 X 1.25 in. 144.78 x 114.3 x 31.75 mm
WEIGHT	1.0 Lbs 0.46 kg



PM-CT103-U
HDMI to HDBaseT Receiver with RS-232 - Wall Plate

Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) VGA 3.5mm stereo audio
OUTPUT TYPE	HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS (W x D x H)	3.6 X 4.24 X 2.24 in. 91.44 x 107.95 x 57.15 mm
WEIGHT	0.5 Lbs 0.23 kg



PM-CT104-U
HDMI to HDBaseT Transmitter with RS-232

Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS)
OUTPUT TYPE	HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS (W x D x H)	3.94 X 2.4 X 0.6 in. 100 x 60 x 14 mm
WEIGHT	0.6 Lbs 0.27 kg

* Please note that PM-CT104-U/PM-CR104-U's extender information cannot be checked from PureMedia Matrix Frame.

Extenders | PUREMEDIA

4K HDBaseT Receiver Options



PM-CR101-U

HDBaseT to HDMI Receiver with RS-232

Technical Specifications

INPUT TYPE	HDBaseT 0,1,2,3+/-
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS	5.75 X 4.5 X 1.25 in. (W x D x H)
WEIGHT	0.5 Lbs 0.23 kg

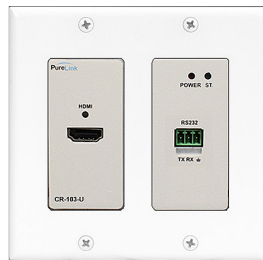


PM-CR102-U

HDBaseT to HDMI Receiver w/ Auto-scaling

Technical Specifications

INPUT TYPE	HDBaseT 0,1,2,3+/-
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS	7.57 X 5.96 X 1.7 in. (W x D x H)
WEIGHT	1.59 Lbs 0.68 kg



PM-CR103-U

HDMI to HDBaseT Receiver with RS-232 - Wall Plate

Technical Specifications

INPUT TYPE	HDBaseT 0,1,2,3+/-
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS	3.6 X 4.25 X 2.25 in. (W x D x H)
WEIGHT	0.5 Lbs 0.23 kg



PM-CR104-U

HDMI to HDBaseT Transmitter with RS-232

Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS)
OUTPUT TYPE	HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
ACCESSORIES	DC +12V, 10Watts Max (power supply)
DIMENSIONS	3.94 X 2.4 X 0.6 in. (W x D x H)
WEIGHT	0.6 Lbs 0.27 kg

* Please note that PM-CT104-U/PM-CR104-U's extender information cannot be checked from PureMedia Matrix Frame.

4K Fiber Optic Transmitter Options



PM-FT101-U
HDMI to 1 LC Fiber Transmitter with RS-232

Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
OUTPUT TYPE	1LC Fiber
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
ACCESSORIES	DC +12V, 4 Watts Max (power supply)
DIMENSIONS	5.75 X 4.5 X 1.25 in.
(W x D x H)	160 x 112 x 42 mm
WEIGHT	1.43 Lbs 0.65 kg



PM-FT102-U
HDMI/VGA to 1 LC Fiber Transmitter with RS-232

Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) VGA 3.5mm stereo audio
OUTPUT TYPE	1LC Fiber
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
ACCESSORIES	DC +12V, 4 Watts Max (power supply)
DIMENSIONS	5.75 X 4.5 X 1.75 in.
(W x D x H)	144.78 x 114.3 x 45 mm
WEIGHT	1.0 Lbs 0.46 kg

PM-FT103-U
HDMI/VGA to 1 LC Fiber Transmitter with RS-232
- Wall Plate

Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) VGA (supports YPbPr component) 3.5mm stereo audio
OUTPUT TYPE	1LC Fiber
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
ACCESSORIES	DC +12V, 4Watts Max (power supply)
DIMENSIONS	3.6 X 4.24 X 2.24 in.
(W x D x H)	91.44 x 107.7 x 57.15 mm
WEIGHT	1.0 Lbs 0.45 kg



4K Fiber Optic Receiver Options



PM-FR101-U

1 LC to HDMI Fiber Receiver with RS-232

Technical Specifications

INPUT TYPE	1 LC Fiber
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
ACCESSORIES	DC +12V, 4 Watts Max (power supply)
DIMENSIONS	5.75 X 4.5 X 1.25 in. (W x D x H) 144.78 x 114.3 x 31.75 mm
WEIGHT	0.5 Lbs 0.23 kg

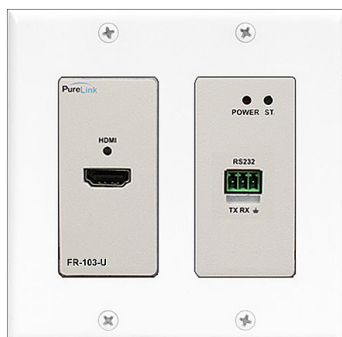


PM-FR102-U

1 LC Fiber to HDMI Receiver with Auto-scaling & Seamless Switching

Technical Specifications

INPUT TYPE	1 LC Fiber
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
ACCESSORIES	DC +12V, 4 Watts Max (power supply)
DIMENSIONS	7.5 X 6.0 X 1.65 in. (W x D x H) 190 x 150 x 42 mm
WEIGHT	1.5 Lbs 0.68 kg

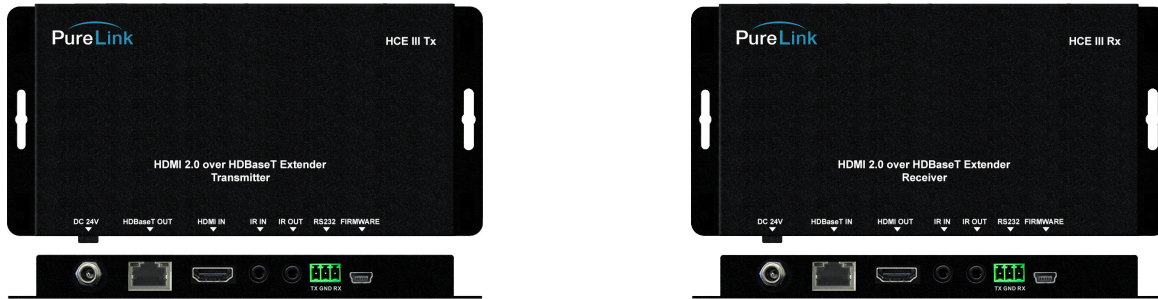


PM-FR103-U

1 LC Fiber to HDMI Receiver with RS-232 - Wall Plate

Technical Specifications

INPUT TYPE	1 LC Fiber
OUTPUT TYPE	DVI / HDMI (TMDS) 3.5mm stereo audio
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
ACCESSORIES	DC +12V, 4Watts Max (power supply)
DIMENSIONS	3.6 X 4.24 X 2.24 in. (W x D x H) 91.44 x 107.7 x 57.15 mm
WEIGHT	0.5 Lbs 0.23 kg



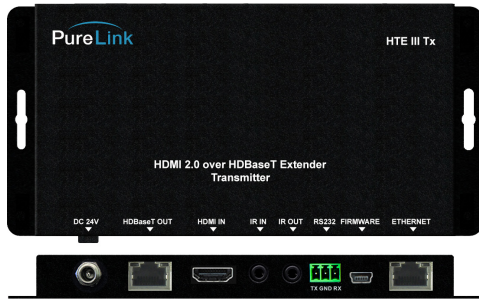
The HCE III Tx/Rx HDBaseT™ extension system offers full HDMI 2.0 compliance supporting HDR (High Dynamic Range) and 4K@60Hz with 4:4:4 chroma sampling. Featuring PureLink's proprietary Précis codec, a light compression technology, the HCE III can transport Ultra HD/4K, multi-channel audio, and High Dynamic Range (10 bits support) content over a single CATx cable.

Key Features

- Supports resolutions up to 4K@60Hz (4:4:4)
- Supports HDR (High Dynamic Range) formats
- HDCP 2.2 compliant
- Extends HDMI up to 130 ft. (40m) at Ultra HD/4K and up to 230 ft. (70m) at 1080p
- Précis codec - visually lossless signal transmission
- High bandwidth support - up to 18 Gbps
- Supports BT.2020 color representation
- Bi-directional PoE (Power over Ethernet)
- Bi-directional RS232 & IR extension
- CEC pass-through

Technical Specifications

TRANSMITTER	Inputs: 1 x HDMI[19-pin female] 1 x IR input[3.5mm stereo] 1 x RS232[Phoenix type] 1 x Firmware[Mini USB] Outputs: 1 x HDBaseT[RJ45] 1 x IR output[3.5mm stereo]	HDMI AUDIO	LPCM 2/5.1/7.1 Ch, Dolby Digital+, Dolby TrueHD, Dolby Digital, Dolby Atmos, DTS:X, DTS-HD Master Audio, DTS 5.1
RECEIVER	Inputs: 1 x HDBaseT [RJ45] 1 x IR input[3.5mm stereo] 1 x RS232[Phoenix type] 1 x Firmware[Mini USB] Outputs: 1 x HDMI[19-pin female] 1 x IR input[3.5mm stereo]	POWER	Input: AC100 – 240V 50/60Hz Output: DC 24V/1A (US/EU standard,CE/FCC/UL certified) 24W (max)
HDMI VERSION	HDMI 2.0	POWER CONSUMPTION	32° ~ 117° F (0° to 47° C)
HDCP COMPLIANCE	HDCP 2.2	OPERATIONAL STORAGE	- 4° ~ 140° F (-20° to 60° C)
DATA RATE	18Gbps	HUMIDITY	0 ~ 90% non-condensing
RESOLUTION	Ultra HD/4K up to 4096 x 2160 @50/60Hz (RGB 4:4:4, YCbCr 4:4:4, 4:2:2, 4:2:0)	MTBF	50,000 hours
		DIMENSIONS (W X D X H)	7.2" x 3.5" x 0.7" in.
		WEIGHT	1.0 lbs (0.45 kg)



The HTE III Tx/Rx HDBaseT™ extension system offers full HDMI 2.0 compliance supporting HDR (High Dynamic Range) and 4K@60Hz with 4:4:4 chroma sampling. Featuring PureLink's proprietary Précis codec, a light compression technology, the HTE III can transport Ultra HD/4K, multi-channel audio, and High Dynamic Range (10 bits support) content over a single CATx cable.

Key Features

- Supports resolutions up to 4K@60Hz (4:4:4)
- Supports HDR (High Dynamic Range) formats
- HDCP 2.2 compliant
- Extends HDMI up to 230 ft. (70m) at Ultra HD/4K and up to 330 ft. (100m) at 1080p
- Précis codec- visually lossless signal transmission
- High bandwidth support - up to 18 Gbps
- Supports BT.2020 color representation
- Bi-directional PoE (Power over Ethernet)
- Bi-directional RS232, IR & Ethernet extension
- CEC pass-through

Technical Specifications

<p>TRANSMITTER</p> <p>Inputs: 1 x HDMI[19-pin female] 1 x IR input[3.5mm stereo] 1 x RS232[Phoenix type] 1 x Firmware[Mini USB] 1 x Ethernet [RJ45]</p> <p>Outputs: 1 x HDBaseT[RJ45] 1 x IR output[3.5mm stereo]</p>	<p>HDMI AUDIO</p> <p>LPCM 2/5.1/7.1 Ch, Dolby Digital+, Dolby TrueHD, Dolby Digital, Dolby Atmos, DTS:X, DTS-HD Master Audio, DTS 5.1</p> <p>POWER</p> <p>Input: AC100 – 240V 50/60Hz Output: DC 24V/1A (US/EU standard,CE/FCC/UL certified) 24W (max)</p> <p>POWER CONSUMPTION</p> <p>OPERATIONAL</p> <p>32° ~ 117° F (0° to 47° C)</p> <p>STORAGE</p> <p>- 4° ~ 140° F (-20° to 60° C)</p> <p>HUMIDITY</p> <p>0 ~ 90% non-condensing</p> <p>MTBF</p> <p>50,000 hours</p> <p>DIMENSIONS</p> <p>7.2" x 3.5" x 0.7" in.</p> <p>(W X D X H)</p> <p>183 x 88 x 18mm</p> <p>WEIGHT</p> <p>1.0 lbs (0.45 kg)</p>
<p>RECEIVER</p> <p>Inputs: 1 x HDBaseT [RJ45] 1 x IR input[3.5mm stereo] 1 x RS232[Phoenix type] 1 x Firmware[Mini USB]</p> <p>Outputs: 1 x HDMI[19-pin female] 1 x IR input[3.5mm stereo] 1 x Ethernet [RJ45]</p> <p>HDMI VERSION</p> <p>HDMI 2.0</p> <p>HDCP COMPLIANCE</p> <p>HDCP 2.2</p> <p>DATA RATE</p> <p>18Gbps</p> <p>RESOLUTION</p> <p>Ultra HD/4K up to 4096 x 2160 @50/60Hz (RGB 4:4:4, YCbCr 4:4:4, 4:2:2, 4:2:0)</p>	



Key Features

- Design based on HDBaseT technology
- Ultra-slim, compact enclosure
- Supports cable lengths up to 230 ft. (70 m.) at 1080p and Ultra HD/4K resolutions
- HDMI v1.4 support
- IR control

Technical Specifications

TRANSMITTER	Input : HDMI 1 port, IR 1 port Output : HDBaseT 1 port
RECEIVER	Input : HDBaseT 1 port Output : HDMI 1 port, IR 1 port
PC RESOLUTION	Up to 1920 x 1200 @ 60Hz
HDTV RESOLUTION	Up to Ultra HD (4K) @ 30Hz
DISTANCE	1080P@60Hz : 230ft (70m) 4K2K@30Hz : 230ft (70m)
CONNECTOR	DC Power Jack HDMI Female connector RJ45
CONFORMATIONS	HDMI version 1.4 With HDCP 2.2
ACCESSORIES	DC 5V , 2A (power supply)
DIMENSIONS	4.01" x 3.34" x 1.02" in.
(W X D X H)	102.1 x 85.0 x 26.0 mm
WEIGHT	0.61lbs/each (0.28kg/each)

Related Item	Description
HCE II-RF	HDTools Rack Mountable 1RU Frame for HCE II Tx and Rx, single PSU

HTE Tx/Rx 4K HDMI over HDBaseT Extension System



Key Features

- Based on HDBaseT™ Technology
- Supports cable lengths up to 300 ft. (100 m) for all resolutions up to Ultra HD/4K
- HDMI v1.4 support
- Bi-directional RS-232 and IR
- PoE support

Technical Specifications

TRANSMITTER	Input : HDMI 1 port, RS232 1 port, IR 1 port, Ethernet 2 ports Output : HDBaseT 1 port
RECEIVER	Input : HDBaseT 1 port Output : HDMI 1 port, RS232 1 port, IR 1 port, Ethernet 2 ports
PC RESOLUTION	Up to 1920 x 1200 @ 60Hz
HDTV RESOLUTION	Up to Ultra HD (4K) @ 30Hz
DISTANCE	330ft (100m)
CONNECTOR	DC Power Jack HDMI Female connector RJ45
CONFORMATIONS	HDMI version 1.4 With HDCP
ACCESSORIES	DC 24V , 1A (power supply)
DIMENSIONS	3.5" x 5.3" x 1.2" in.
(W X D X H)	88.0 x 135.0 x 30.0 mm
WEIGHT	0.66lbs 0.3kg (each)

DCE II Tx/Rx DVI over CATx Extension System



Technical Specifications

BANDWIDTH	1.65 Gbps
RESOLUTION	Up to 1920 x 1200 @60hz
TMDS VIDEO SIGNAL	1.2 volts p-p
DDC SIGNAL	5 volts p-p (TTL)
DISTANCE	192x1200@60Hz :165 ft (50m)
DVI CONNECTOR	DVI-D 29 pin
LINK CONNECTOR	RJ-45 Shielded x 1
POWER SUPPLY	None
OPERATING	32° ~ 131° F (0° to 55° C)
STORAGE	- 4° ~ 185° F (-20° to 85° C)up
HUMIDITY	to 95%
DIMENSIONS (W X D X H)	1.5" x 2.20" x 0.96" in. 40 x 56 x 24.5 mm
WEIGHT	0.11 lbs (50 g)

Key Features

- DVI extension up to 165 ft (50m) using a CATx cable
- Supports PC resolutions up to 1920x1200
- Embedded EDID for lossless signal transmission
- Active receiver draws power from the DVI source (no external power required)

DTE Tx/Rx DVI over HDBaseT Extension System with POE



Key Features

- Extends Single-Link DVI up to 330 ft (100m) using a single CATx cable
- Supports PC resolutions up to 1920x1200
- Bi-directional RS-232 and IR
- POE support
- HDCP compliant, EDID transparent
- Based on HDBaseT™ technology

Technical Specifications

TRANSMITTER	Input : DVI 1 port, RS232 1 port (bi-direction) Output : HDBaseT 1 port, IR 1 port
RECEIVER	Input : HDBaseT 1 port, IR 1 port Output : DVI 1 port, RS232 1 port (bi-direction)
RESOLUTION	UP to 1920x1200@ 60Hz
DISTANCE	330ft (100m)
ACCESSORIES	DC 48V with lock (power supply)
DIMENSIONS (W X D X H)	5.90" x 3.15" x 1.38" in. 150 x 80 x 35 mm
WEIGHT	0.73lbs/each (331g/each)



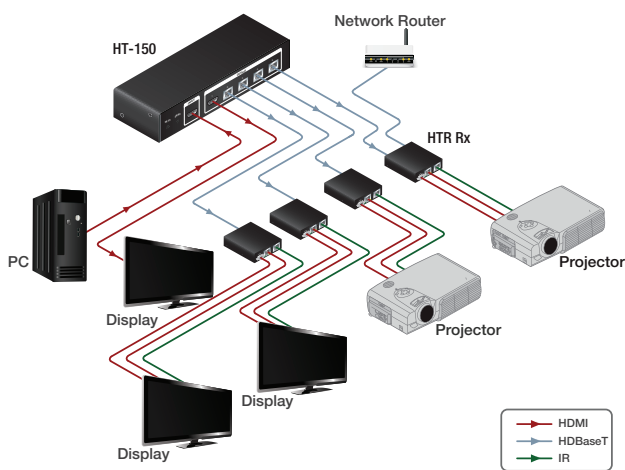
The HTR Tx/Rx extension system provides reliable long-range extension of HDMI video/audio, bi-directional RS-232/IR control signals, and Ethernet over a single CATx cable. The HTR Tx/Rx supports the latest Ultra HD/4K standards including full 3D support, HDMI Ethernet Channel, and Audio Return Channel (ARC).

Key Features

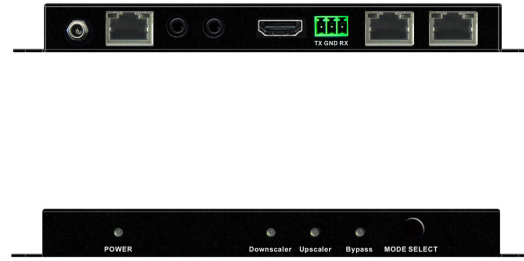
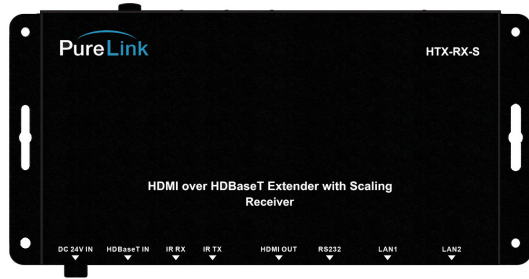
- Extends 4K HDMI, Ethernet, ARC, RS-232, and IR over a single CATx cable
- Ultra HD (4K@30Hz) extension up to 330 ft. (100 m)
- HDCP 2.2 compliant
- Bi-directional IR and RS-232
- Switchable audio de-embed or ARC breakout on Transmitter

Technical Specifications

TRANSMITTER	Input : HDMI Output : CATx (HDBaseT)
RECEIVER	Input : CATx (HDBaseT) Output : HDMI
PC RESOLUTIONS	Up to 1920 x 1200 @ 60Hz
HDTV RESOLUTIONS	Up to Ultra HD (4K) @ 30Hz
DISTANCE	Ultra HD@30Hz: 330ft (100m)
CONNECTOR	DC Power Jack/HDMI 19 Pin Female (Type A) RJ-45 / IR / Serial / Toslink
CONFORMATIONS	HDMI version 1.4 With HDCP 2.2
ACCESSORIES	DC 5V , 2A (power supply)
DIMENSIONS (W X D X H)	3.5" x 4.7" x 1.2" in.
WEIGHT	Tx : 0.57 lbs (0.26 kg) Rx : 0.62 lbs (0.28 kg)



Related Item	Description
HTR-RFT	HDTools Rack Mountable 1RU Frame for HTR Tx, single PSU
HTR-RFR	HDTools Rack Mountable 1RU Frame for HTR Rx, single PSU



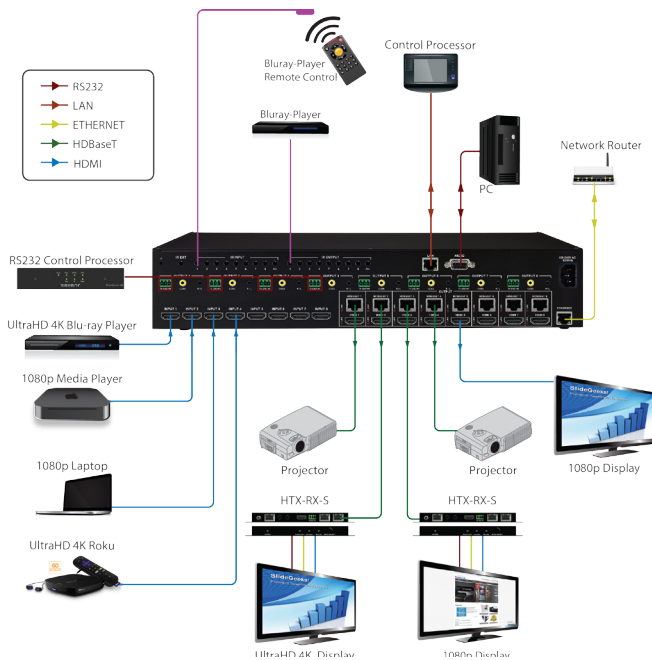
The HTX-Rx-S provides high-performance up/downscaling capabilities at Ultra HD/4K resolutions, extending uncompressed HDMI video, audio, full 3D content, as well as bi-directional control to distances up to 330 ft. (100 m).

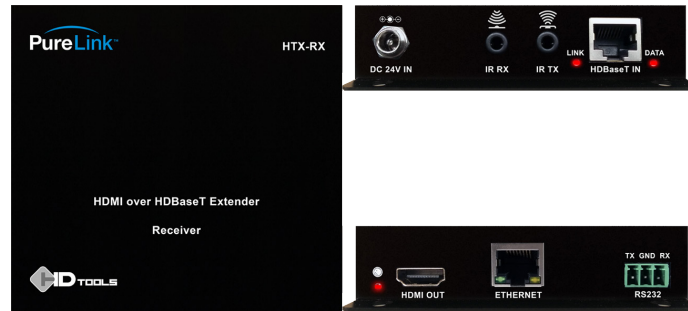
Key Features

- Ideal solution for applications that require HD/Full HD/Ultra HD device interoperation
- Built-in up/downscaling capabilities with support for resolutions from 480i to up to 4K@60Hz (4:2:0)
- Long-distance extension - up to 330ft (100m)
- Supports data rates up to 10.2 Gbps
- Receives POE from HTX matrix switchers
- Bi-directional IR and RS232 control
- Supports HD multichannel audio including Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio plus LPCM (up to 192kHz)
- LED indicators for HDMI and HDBaseT signal status
- Ethernet port for easy third party device networking

Technical Specifications

TRANSMITTER	HDBaseT
RECEIVER	HDMI
PC RESOLUTIONS	Up to 1920 x 1200@60Hz
HDTV RESOLUTIONS	Up to Ultra HD@30Hz
DISTANCE	330ft at Ultra HD/4K resolutions
CONNECTOR	DC Power Jack HDMI Female connector RJ45
MTBF	50,000 hours
CONFORMATIONS	HDMI version 1.4 With HDCP 2.2
ACCESSORIES	DC 24V (Optional power supply)
DIMENSIONS (W X D X H)	7.2" x 3.5" x 0.6" in. 182 x 89 x 15.25 mm
WEIGHT	0.8 lbs (0.36 kg)

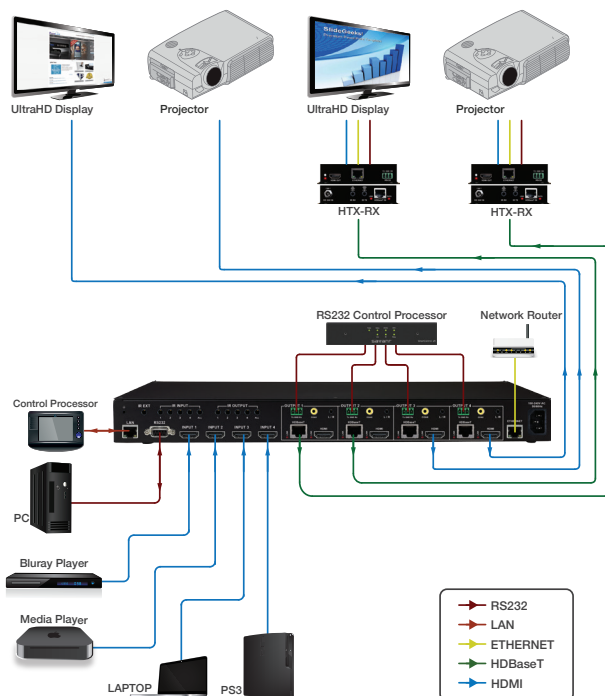




Designed as a simplified extension solution for the HTX-8800-U/4400-U matrix switchers, the HTX Rx 4K HDMI over HDBaseT Extender Receiver provides an accessible, easy-to-install solution for extending Ultra HD/4K HDMI video and embedded audio over long distances using a single CATx cable. The HTX Rx supports full 3D content and extends uncompressed HDMI video and embedded lossless audio formats with bi-directional control signals (IR) up to 330 ft. at Ultra HD/4K resolutions. Using POE technology, the HTX Rx can draw power from the HTX matrix chassis, eliminating the need for additional power supplies.

Key Features

- 330ft (100m) @ Ultra HD/4K HDMI v1.4b uncompressed video/audio up to 10.2 Gbps
- Receives POE from HTX matrix switchers
- Bi-directional IR and RS232
- Supports HD multichannel audio including Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio plus LPCM (up to 192kHz)
- Compact size for convenient installation behind displays
- LED indicators for HDMI and HDBaseT signal status
- Ethernet port for easy third party device networking



Technical Specifications

TRANSMITTER	HDBaseT
RECEIVER	HDMI
PC RESOLUTIONS	Up to 1920 x 1200@60Hz
HDTV RESOLUTIONS	Up to Ultra HD@30Hz
DISTANCE	330ft at Ultra HD/4K resolutions
CONNECTOR	DC Power Jack HDMI Female connector RJ45
CONFORMATIONS	HDMI version 1.4 With HDCP 2.2
ACCESSORIES	DC 5V , 2A (power supply)
DIMENSIONS (W X D X H)	4.01" x 3.34" x 1.02" in. 102.1 x 85.0 x 26.0 mm
WEIGHT	0.61lbs/ each (0.28kg/each)

DTS1000RV DVI, VGA + Audio, RS-232 to 4 LC Fiber + CATx Transmitter



Key Features

- DVI, VGA/Audio, and RS-232 to 4 LC Fiber transmitter
- Supports resolutions up to 1920x1200 @ 60Hz, 1080p @ 60Hz
- 3.5mm stereo input, CATx input for RS-232 control
- Built-in Auto-EDID maintains communication between connected devices
- HDCP Compliant

Technical Specifications

INPUT SIGNAL	DVI/HDMI, VGA(D-Sub), Stereo Audio (3.5mm jack) x 2, RS-232
OUTPUT SIGNAL	4 LC Fiber Optic
PC RESOLUTIONS	Up to 1920 x 1200 @ 60Hz
HDTV RESOLUTIONS	Up to 1920 x 1080p
DISTANCE	1080p up to 3,300 ft 1080i up to 5,000ft
CONNECTOR	DC Power Jack DVI 29 Pin Female D-SUB 15Pin Female, RJ-45 LC Fiber Connector 4 CORE 3.5mm STEREO Jack
CONFORMATION	DDWG DVI1.0 HDMI V1.3 HDCP
ACCESSORIES	DC 12V, 4.1A, 8 Watts (power supply)
DIMENSIONS (W X D X H)	4.3" x 5.1" x 1.6" in.
WEIGHT	109.2 x 129.5 x 40.6 mm 1.4 lbs (0.63kg)

DRS1000RV 4 LC Fiber to DVI/VGA Extender Receiver



Key Features

- 4 LC Fiber + (1) CATx to DVI, VGA/Audio, and RS-232 receiver for RF6
- Supports resolutions up to 1920x1200 @ 60Hz, 1080p @ 60Hz
- 3.5mm stereo output, CATx output for RS-232 control
- Built-in Auto-EDID maintains communication between connected devices
- HDCP Compliant

Technical Specifications

INPUT SIGNAL	4 LC Fiber Optic
OUTPUT SIGNAL	DVI/HDMI, VGA(D-Sub) Stereo Audio (3.5mm jack) x 2, RS-232
PC RESOLUTIONS	Up to 1920 x 1200 @ 60Hz
HDTV RESOLUTIONS	Up to 1920 x 1080p
DISTANCE	1080p up to 3,300 ft 1080i up to 5,000ft
CONNECTOR	DC Power Jack, RJ-45 DVI 29 Pin Female D-SUB 15Pin Female LC Fiber Connector 4 CORE 3.5mm STEREO Jack
CONFORMATION	DDWG DVI1.0 HDMI V1.3 HDCP
ACCESSORIES	DC 12V, 4.1A, 8 Watts (power supply)
DIMENSIONS (W X D X H)	4.3" x 5.1" x 1.6" in.
WEIGHT	109.2 x 129.5 x 40.6 mm 1.4 lbs (0.63kg)

HDX II Tx/Rx HDMI to 4 LC Fiber Transmitter/Receiver



Key Features

- Reliable, long-range extension of Full-HD/1080p content
- HDCP Compliant
- Built-in repeater enhances signal quality over longer distances
- Auto-EDID management
- HDMI v1.3 support
- Real-time status monitoring and diagnostics via LCD display

Technical Specifications

TRANSMITTER	Input : HDMI Output : 4 LC Fiber Optic
RECEIVER	Input : 4 LC Fiber Optic Output : HDMI
PC RESOLUTIONS	Up to 1920x1200 @ 60Hz
HDTV RESOLUTIONS	Up to 1080p @60Hz
DISTANCE	1080p: 1,000M(3,300ft) 1080i: 1,530M(5,000ft)
CONNECTOR	DC Power Jack HDMI 19 Pin Female LC Receptacles with 4 cores
CONFORMATION	HDMI version 1.3 With HDCP
ACCESSORIES	DC +12V , 10W (power supply)
DIMENSIONS	4.92 x 4.37 x 1.38 in.
(W X D X H)	125 x 111 x 35 mm
WEIGHT	1.1lbs/each (0.48kg/each)

ODC Tx/Rx DVI over 8 LC Fiber Extension System



Key Features

- Extends Dual-Link DVI video over fiber optic cabling
- Built-in coaxial to optical audio converter
- Reliable, long-range extension of Dual Link DVI content
- Auto-EDID management
- LED status indicators for system monitoring

Technical Specifications

TRANSMITTER	Input : DVI, Digital Audio (OPTICAL, COAXIAL) Output : 8 LC Fiber Optic
RECEIVER	Input : 8 LC Fiber Optic Output : DVI, Digital Audio (COAXIAL)
RESOLUTIONS	VGA~QXGA
DISTANCE	500m (1640ft) at 2560x1600
CONNECTOR	DC Power Jack DVI 29 Pin Female LC type ber optic connector 8 strands
HDCP/DDC SUPPORT	Compliant/Save EEprom
CONFORMATION	DDWG DVI 1.0
ACCESSORIES	DC +12V , 10W (power supply)
DIMENSIONS	4.92 x 4.37 x 1.38 in.
(W X D X H)	125 x 111 x 35 mm
WEIGHT	0.88lbs/each (0.4Kg/each)

OLC III Tx/Rx DVI over One Fiber Extension System

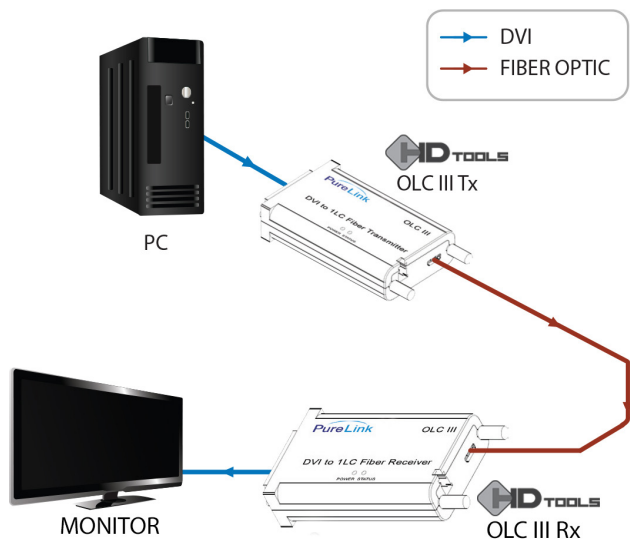


The **OLC III Tx/Rx** DVI over One Fiber Extension System provides long range extension of DVI to distances up to 984 ft. (300 m.) over a single strand, LC-terminated fiber optic cable. Real-time EDID programming provides fast integration and compatibility between input and output devices.

Featuring a robust, compact design with detachable transmitter and receiver modules, the OLC III Tx/Rx simplifies integration and provides a convenient solution for a variety of installation challenges.

Key Features

- DVI extension over a single strand, multimode fiber optic cable
- Reliable, long-range extension of Full-HD/1080p content
- Supports distances up to 984 ft. (300 m.)
- HDCP compliant
- Compact, detachable transmitter/receiver module for easy integration
- Ensures secure and fast communication between devices



Technical Specifications

INPUT SIGNAL	TMDS Signal (DVI 1.0 standard)
OPTICAL CONNECTOR	1 LC Connector
ELECTRICAL CONNECTOR	24 PIN DVI-D Plug
OPTICAL CONVERTER	850nm 10G VCSEL/ InGaAs PIN PD
SUPPORTED RESOLUTIONS	Up to 1920x1200@60Hz
VIDEO BANDWIDTH	2.25Gbps / Channel
RECOMMENDED FIBER	Multi-mode glass-fiber
DIMENSIONS (W X D X T)	3.06" X 1.58" X 0.63" in. 74.66 x 40.2 x 15.9 mm
WEIGHT	0.15 Lbs 68 g

OLC II Tx/Rx DVI to 2 LC Fiber Transmitter/Receiver Kit



Technical Specifications

SIGNAL TYPE	Single link DVI-D
CONNECTOR	Male DVI-D
DATA RATE	1.65 Gbps
PIXEL CLOCK	165 MHz
RESOLUTION	Up to 1920x1200@60Hz
DISTANCE	Single Mode : 6,600 ft (2km) Multi Mode: 1,650 ft (500m)
OPERATING TEMPERATURE	32°F ~ 122°F (0°C ~ 50°C)
STORAGE TEMPERATURE	-40°F ~ 185°F (-40°C ~ 85°C)
HUMIDITY	5% to 95%
STANDARD	DVI 1.0
ACCESSORIES	DC +12V , 1A 5W Max (power supply)
DIMENSIONS (W X D X H)	1.54 x 0.59 x 2.68 in. 39 x 15 x 68 mm
WEIGHT	0.44lbs (200 g)

Key Features

- Extends DVI content up to 6,600 ft. (2km) using fiber optic cabling
- Reliable, long-range extension of Full-HD/1080p content
- Compact, detachable transmitter/receiver module for easy integration
- Ensures secure and fast communication between devices

OLC Tx/Rx DVI to 4 LC Fiber Transmitter/Receiver



Technical Specifications

SIGNAL TYPE	Single link DVI-D
CONNECTOR	Male DVI-D
DATA RATE	1.65 Gbps
PIXEL CLOCK	165 MHz
RESOLUTION	Up to 1920x1200@60Hz
DISTANCE	Multi Mode : 2,300ft (700m)
OPERATING TEMPERATURE	32°F ~ 122°F (0°C ~ 50°C)
STORAGE TEMPERATURE	-40°F ~ 185°F (-40°C ~ 85°C)
HUMIDITY	5% to 95%
STANDARD	DVI 1.0
ACCESSORIES	DC +12V , 1A 5W Max (power supply)
DIMENSIONS (W X D X H)	1.61 x 0.39 x 2.68 in. 41 x 10 x 68 mm
WEIGHT	0.33 lbs (149.68 g)

Key Features

- Extends DVI content up to 2,300 ft. (700m) using fiber optic cabling
- Reliable, long-range extension of Full-HD/1080p content
- Compact, detachable transmitter/receiver module for easy integration
- Ensures secure and fast communication between devices



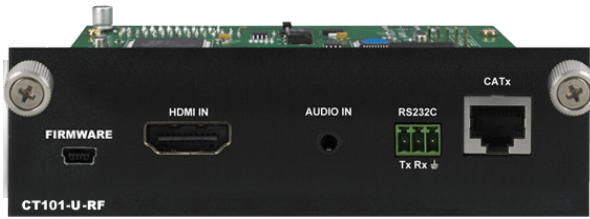
The RF4-U Rack Mountable Extension Center is a complete extension solution equipped with a series of smaller transmitter and receivers designed for slot-loading into a main chassis. The RF4-U houses up to four (4) Ultra HD/4K transmitter or receiver modules, available in HDMI, HDBaseT, and Fiber inputs and outputs, all in a 1-RU space with a single power source.

Technical Specifications

INPUT SIGNAL	DVI, HDMI, 3.5mm Analog Audio, RS-232
OUTPUT SIGNAL	DVI, HDMI, 3.5mm Analog Audio, RS-232
PC RESOLUTIONS	VGA ~ WUXGA (up to 1920 x 1200 @60Hz)
HDTV RESOLUTIONS	480i ~ 1080p, Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
CATx DISTANCE	1920 x 1200 @ 60Hz or at 1080p, Ultra HD 4K : 330 ft (100m)
FIBER DISTANCE	Single Mode Fiber: 1920 x 1200 @ 60Hz or at 1080p, Ultra HD 4K : 32,808 ft (10km) Multi Mode Fiber: 1920 x 1200 @ 60Hz or at 1080p, Ultra HD 4K : 1,650 ft (500m)
CONNECTOR	DVI 29P/HDMI 19P Female (x 1), 3.5mm Stereo Jack, RJ-45 Jack, 1 LC Optical Connector 3P /3.5MM Terminal Block (for Power), 3P /3.5MM Terminal Block (for RS-232) Mini USB (for firmware update)
CONFORMATIONS	HDMI version 1.4b / DVI 1.0, HDBaseT
COMPLIANCE	Yes, HDCP version 2.0
ACCESSORIES	DC +12V 8W Max (power supply)
DIMENSIONS	17.3" x 6.7" x 1.7" in.
(W X D X H)	440 x 170 x 44 mm
WEIGHT	6.2 lbs (2.8kg)

RF4-U Rack Mount Extension Center

Item No.	Description
RF4-U	Rack Mountable 1RU Frame for RF Ultra HD Extenders, single PSU
RFCC	Rack Frame Cable Cover for PureMedia RF4-U, RF6
PM-CT101-U-RF	HDMI to CATx (HDBaseT) Transmitter for RF4-U Extension Center
PM-CT102-U-RF	HDMI/VGA to CATx (HDBaseT) Transmitter for RF4-U Extension Center
PM-CT104-U-RF	HDMI to CATx (HDBaseT) Transmitter for RF4-U Extension Center
PM-FT101-U-RF	HDMI to 1 LC Fiber Transmitter for RF4-U Extension Center
PM-FT102-U-RF	HDMI/VGA to 1 LC Fiber Transmitter for RF4-U Extension Center
PM-CR101-U-RF	CATx (HDBaseT) to HDMI Receiver for RF4-U Extension Center
PM-CR104-U-RF	CATx (HDBaseT) to HDMI Receiver for RF4-U Extension Center
PM-FR101-U-RF	1 LC Fiber to HDMI Receiver for RF4-U Extension Center



Key Features

- Supports resolutions up to 4K@60Hz (4:2:0)
- Supports distances up to 330 ft. (100 m.)
- 3.5mm stereo input
- Auto-EDID management via RF4-U chassis
- HDCP Compliant

Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) RS-232 3.5mm stereo audio
OUTPUT TYPE	HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
POWER	Locally powered by RF4U main frame
RF4-U SPACE	Single slot space
WEIGHT	0.485 lbs (219.99 g)

PM-CT102-U-RF HDMI/VGA to HDBaseT Transmitter for RF4-U Extension Center

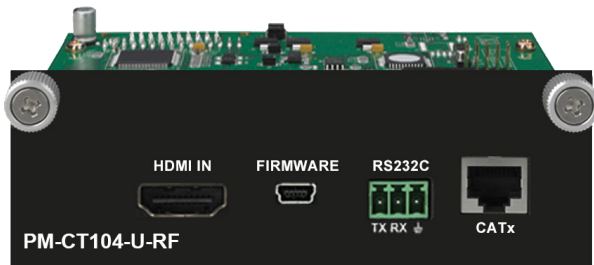


Key Features

- Supports resolutions up to 4K@60Hz (4:2:0)
- Supports distances up to 330 ft. (100 m.)
- 3.5mm stereo input
- Auto-EDID management via RF4-U chassis
- HDCP Compliant

Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) VGA RS-232 3.5mm stereo audio
OUTPUT TYPE	HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
POWER	Locally powered by RF4U main frame
RF4-U SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)



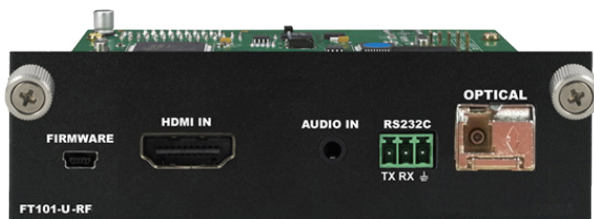
Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) RS-232
OUTPUT TYPE	HDBaseT 0,1,2,3+/-
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
POWER	Locally powered by RF4U main frame
RF4-U SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

Key Features

- Supports resolutions up to 4K@60Hz (4:2:0)
- Supports distances up to 330 ft. (100 m.)
- Auto-EDID management via RF4-U chassis
- HDCP Compliant

PM-FT101-U-RF HDMI to 1 LC Fiber Transmitter for RF4-U Extension Center

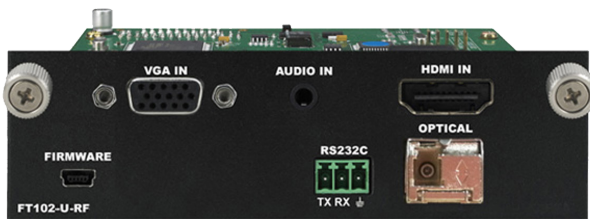


Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) RS-232 3.5mm stereo audio
OUTPUT TYPE	1LC Fiber
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
POWER	Locally powered by RF4U main frame
RF4-U SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

Key Features

- Supports resolutions up to 4K@60Hz (4:2:0)
- HDMI and Stereo Audio extension up to 32,808 ft. (10Km.)
- Supports HDMI v1.4, 3D, 48-Bit Deep Color, 7.1 Channel Dolby TruHD, and DTS MasterHD
- HDCP Compliant

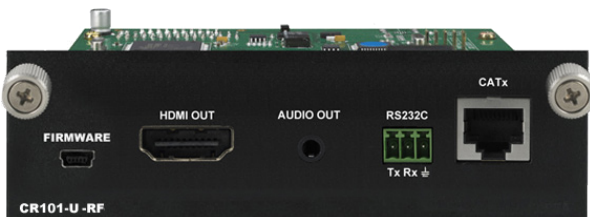


Key Features

- Supports resolutions up to 4K@60Hz (4:2:0)
- HDMI, VGA, and Stereo Audio extension up to 32,808 ft. (10Km.)
- Supports HDMI v1.4, 3D, 48-Bit Deep Color, 7.1 Channel Dolby TruHD, and DTS MasterHD
- HDCP Compliant
- HDMI Loop-Out function for local monitoring

Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) VGA, RS-232 3.5mm stereo audio
OUTPUT TYPE	1LC Fiber
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
POWER	Locally powered by RF4U main frame
RF4-U SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

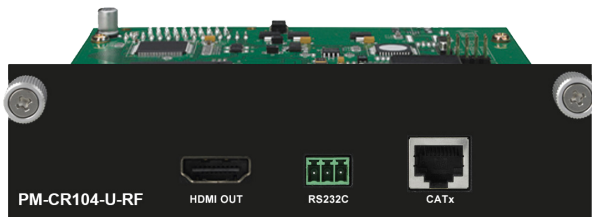


Key Features

- Supports resolutions up to 4K@60Hz (4:2:0)
- Supports distances up to 330 ft. (100 m.)
- 3.5mm stereo output
- Auto-EDID management via RF4-U chassis
- HDCP Compliant

Technical Specifications

INPUT TYPE	HDBaseT 0,1,2,3+/-
OUTPUT TYPE	DVI / HDMI (TMDS) RS-232 3.5mm stereo audio
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
POWER	Locally powered by RF4U main frame
RF4-U SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)



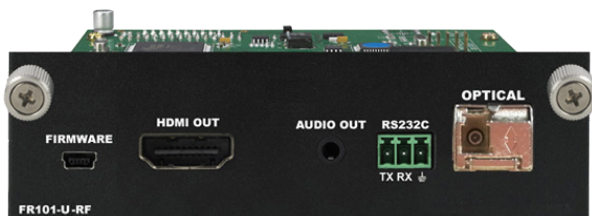
Technical Specifications

INPUT TYPE	HDBaseT 0,1,2,3+/-
OUTPUT TYPE	DVI / HDMI (TMDS) RS-232
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	330 ft (100m)
POWER	Locally powered by RF4U main frame
RF4-U SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

Key Features

- Supports resolutions up to 4K@60Hz (4:2:0)
- Supports distances up to 330 ft. (100 m.)
- Auto-EDID management via RF4-U chassis
- HDCP Compliant

PM-FR101-U-RF 1 LC Fiber to HDMI Receiver for RF4-U Extension Center



Technical Specifications

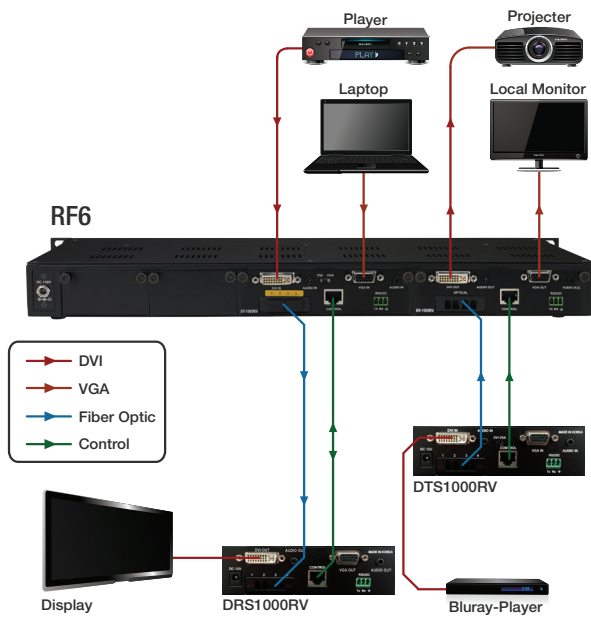
INPUT TYPE	1 LC Fiber
OUTPUT TYPE	DVI / HDMI (TMDS) RS-232 3.5mm stereo audio
DATA SPEED	10.2 Gbps
RESOLUTIONS	Up to Ultra HD 4K 3840 x 2160 @24/25/30Hz (RGB/YCbCr 4:4:4 8 bits, YCbCr 4:2:2 8/10/12 bits) 3840 x 2160 @50/60Hz (YCbCr 4:2:0 8 bits)
DISTANCE	Single Mode : 32,808 ft (10km) Multi Mode : 1,650 ft (500m)
POWER	Locally powered by RF4U main frame
RF4-U SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

Key Features

- Supports resolutions up to 4K@60Hz (4:2:0)
- HDMI and Stereo Audio extension up to 32,808 ft. (10Km.)
- Supports HDMI v1.4, 3D, 48-Bit Deep Color, 7.1 Channel Dolby TruHD, and DTS MasterHD
- HDCP Compliant



PureLink's first generation rack-mount extension center, the RF6 houses up to six (6) 2K transmitter or receiver modules, available in HDMI, HDBaseT, and Fiber inputs and outputs, all in a 1-RU space with a single power source.

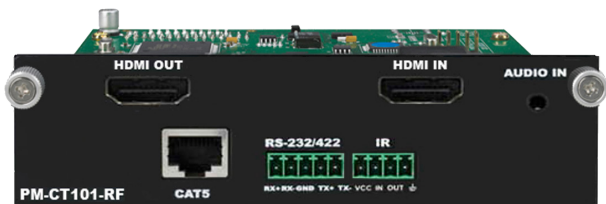


Technical Specifications

INPUT SIGNAL	DVI, HDMI, VGA 3.5mm Analog Audio Optional RS-232, IR
OUTPUT SIGNAL	DVI, HDMI, VGA 3.5mm Analog Audio Optional RS-232, IR
PC RESOLUTIONS	Up to 1920x1200 @ 60Hz
HDTV RESOLUTIONS	Up to 1080p @ 60Hz
CATx DISTANCE	1920x1200@60Hz: 330ft 1920x1080p: 330ft
FIBER DISTANCE	1920x1200@60Hz: 3,300ft
CONNECTOR	DC Power Jack HDMI 19 Pin Female DVI 20 Pin Female LC Receptacles with 4 cores RJ45 3.5mm Stereo Jack
CONFORMATIONS	HDMI version 1.3 DDWG DVI 1.0 HDCP
ACCESSORIES	DC +12V 5A Max
DIMENSIONS (W X D X H)	1.61 x 0.39 x 2.68 in.
WEIGHT	0.33 Lbs 149.68 g

RF6 Rack Mount Extension Center

Item No.	Description
PM-CT101-RF	HDMI to HDBaseT Transmitter w/ IR & RS-232 For PureMedia Matrix Switcher
PM-FT101-RF	HDMI to 2 LC Fiber Transmitter w/ RS-232 For PureMedia Matrix Switcher
PM-FT102-RF	HDMI/VGA to 2 LC Fiber Transmitter w/ RS-232 For PureMedia Matrix Switcher
PM-FR102-RF	2 LC Fiber Optic to HDMI Receiver w/ RS-232 For PureMedia Matrix Switcher
HT1000	HDMI to 4LC Fiber Optic Transmitter
HR1000	4LC Fiber Optic to HDMI Receiver
DT1000	DVI to 4LC Fiber Optic Transmitter
DR1000	DVI over 4LC Fiber Optic Receiver
DT1000RV	DVI/VGA to 4LC Fiber Optic Transmitter
DR1000RV	4LC Fiber Optic to DVI/VGA Receiver



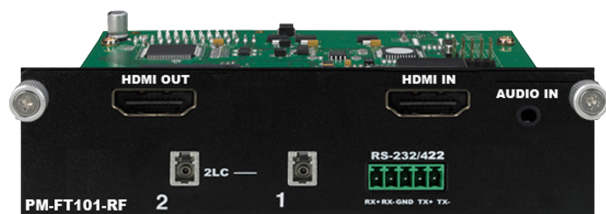
Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) RS-232, IR 3.5mm stereo audio
OUTPUT TYPE	HDBaseT 0,1,2,3+/- HDMI (Loop-thru)
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	330 ft (100m)
POWER	Locally powered by RF6 main frame
RF6 SPACE	Double slot space
WEIGHT	0.97 lbs (439.97 g)

Key Features

- Compatibility with PureMedia™ Matrix Switchers
- Supports distances up to 330 ft. (100 m.)
- Supports WUXGA 1920 x 1200 & HDTV resolutions up to 1080p
- 3.5mm Stereo Audio input
- HDCP Compliant
- HDMI Loop-Out function for local monitoring

PM-FT101-RF HDMI to 2 LC Fiber Transmitter for RF6 Extension Center



Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) RS-232, IR 3.5mm stereo audio
OUTPUT TYPE	2LC Fiber HDMI (Loop-thru)
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	Single Mode : 6,600 ft (2km) Multi Mode : 1,650 ft (500m)
POWER	Locally powered by RF6 main frame
RF6 SPACE	Double slot space
WEIGHT	0.97 lbs (439.97 g)

Key Features

- Compatibility with PureMedia™ Matrix Switchers
- Supports up to 6,600 ft. (2000 m.)
- Supports WUXGA 1920 x 1200 & HDTV resolutions up to 1080p
- 3.5mm Stereo Audio Input
- HDCP Compliant
- HDMI Loop-Out function for local monitoring



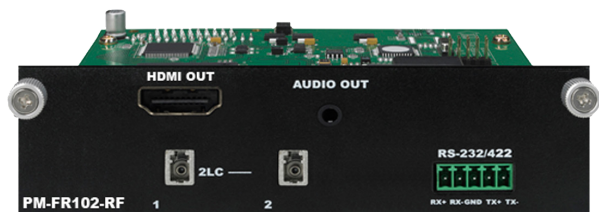
Technical Specifications

INPUT TYPE	DVI / HDMI (TMDS) VGA, RS-232 3.5mm stereo audio
OUTPUT TYPE	2LC Fiber
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	Single Mode : 6,600 ft (2km) Multi Mode : 1,650 ft (500m)
POWER	Locally powered by RF6 main frame
RF6 SPACE	Double slot space
WEIGHT	0.97 lbs (439.97 g)

Key Features

- Supports WUXGA 1920 x 1200 & HDTV resolutions up to 1080p
- HDMI, VGA, and Stereo Audio extension up to 6,600 ft. (2000 m.)
- 3.5mm Stereo Audio input
- HDCP Compliant
- HDMI Loop-Out function for local monitoring

PM-FR102-RF 2 LC Fiber to HDMI Receiver for RF6 Extension Center



Technical Specifications

INPUT TYPE	2LC Fiber
OUTPUT TYPE	DVI / HDMI (TMDS) RS-232 3.5mm stereo audio
DATA SPEED	10.2 Gbps
PC RESOLUTIONS	Up to 1920 x 1200 @60Hz
HDTV RESOLUTIONS	480i ~ 1080p, 2K, 4K
DISTANCE	Single Mode : 6,600 ft (2km) Multi Mode : 1,650 ft (500m)
POWER	Locally powered by RF6 main frame
RF6 SPACE	Double slot space
WEIGHT	0.97 lbs (439.97 g)

Key Features

- Supports WUXGA 1920 x 1200 & HDTV resolutions up to 1080p
- HDMI, VGA, and Stereo Audio extension up to 6,600 ft. (2000 m.)
- 3.5mm Stereo Audio output
- HDCP Compliant

HT1000 HDMI to 4LC Fiber Optic Transmitter for RF6 Extension Center



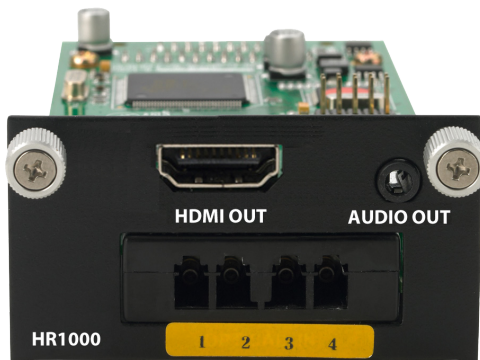
Key Features

- HDMI to 4 LC Fiber Transmitter for RF6
- Supports resolutions up to 1920x1200 @ 60Hz, 1080p @ 60Hz
- 3.5mm stereo input
- Auto-EDID management via RF6 Extension Center
- HDCP Compliant

Technical Specifications

SIGNAL TYPE	HDMI (compatible with DVI using adapter)
CONNECTOR	4LC Fiber Optic, HDMI
DATA RATE	1.65 Gbps per color (DVI-D, single link) 2.25Gbps per color (HDMI)
PIXEL CLOCK	165 MHz
RESOLUTION	PC : Up to 1920x1200@60Hz HDTV: Up to 1080p@60Hz
DISTANCE	Up to 5,000ft (1,500m)
FORMATS	RGB & YCbCr digital
STANDARD	DVI 1.0, HDMI 1.3
HDCP SUPPORT	Yes
POWER	Locally powered by RF6 main frame
RF6 SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

HR1000 4LC Fiber Optic to HDMI Receiver for RF6 Extension Center



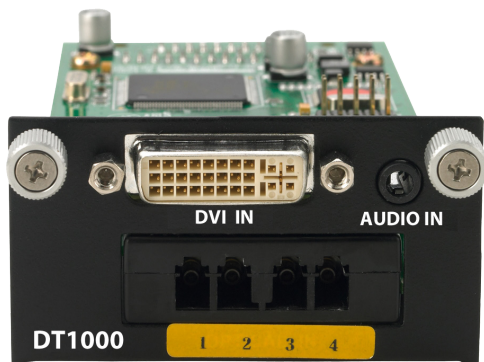
Key Features

- 4 LC Fiber to HDMI receiver for RF6
- Supports resolutions up to 1920x1200 @ 60Hz, 1080p @ 60Hz
- 3.5mm stereo output
- Auto-EDID management via RF6 Extension Center
- HDCP Compliant

Technical Specifications

SIGNAL TYPE	HDMI (compatible with DVI using adapter)
CONNECTOR	4LC Fiber Optic, HDMI
DATA RATE	1.65 Gbps per color (DVI-D, single link) 2.25Gbps per color (HDMI)
PIXEL CLOCK	165 MHz
RESOLUTION	PC : Up to 1920x1200@60Hz HDTV: Up to 1080p@60Hz
DISTANCE	Up to 5,000ft (1,500m)
FORMATS	RGB & YCbCr digital
STANDARD	DVI 1.0, HDMI 1.3
HDCP SUPPORT	Yes
POWER	Locally powered by RF6 main frame
RF6 SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

DT1000 DVI to 4LC Fiber Transmitter for RF6 Extension Center



Key Features

- DVI + Analog Audio to 4 LC Fiber transmitter
- Supports resolutions up to 1920x1200 @ 60Hz, 1080p@60Hz
- 3.5mm stereo audio input
- Auto-EDID management via RF6 Extension Center
- HDCP Compliant

Technical Specifications

SIGNAL TYPE	DVI (compatible with HDMI using adapter)
CONNECTOR	Female DVI-D, 4LC Fiber Optic
DATA RATE	1.65 Gbps per color (DVI-D, single link) 2.25Gbps per color (HDMI)
PIXEL CLOCK	165 MHz
RESOLUTION	PC : Up to 1920x1200@60Hz HDTV: Up to 1080p@60Hz
DISTANCE	Up to 5,000ft (1,500m)
FORMATS	RGB & YCbCr digital
STANDARD	DVI 1.0, HDMI 1.3
HDCP SUPPORT	Yes
POWER	Locally powered by RF6 main frame
RF6 SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

DR1000 4 LC Fiber to DVI Receiver for RF6 Extension Center



Key Features

- 4 LC Fiber to DVI + Analog Audio receiver for RF6
- Supports resolutions up to 1920x1200@ 60Hz, 1080p@60Hz
- 3.5mm stereo output
- Auto-EDID management via RF6 Extension Center
- HDCP Compliant

Technical Specifications

SIGNAL TYPE	DVI (compatible with HDMI using adapter)
CONNECTOR	Female DVI-D, 4LC Fiber Optic
DATA RATE	1.65 Gbps per color (DVI-D, single link) 2.25Gbps per color (HDMI)
PIXEL CLOCK	165 MHz
RESOLUTION	PC : Up to 1920x1200@60Hz HDTV: Up to 1080p@60Hz
DISTANCE	Up to 5,000ft (1,500m)
FORMATS	RGB & YCbCr digital
STANDARD	DVI 1.0, HDMI 1.3
HDCP SUPPORT	Yes
POWER	Locally powered by RF6 main frame
RF6 SPACE	Single slot space
WEIGHT	0.485 lbs (219.98 g)

DT1000RV DVI/VGA to 4LC Fiber Optic Transmitter for RF6 Extension Center



Key Features

- 4 LC Fiber + (1) CATx to DVI, VGA/Audio, and RS-232 receiver for RF6
- Supports resolutions up to 1920x1200 @60Hz, 1080p @60Hz
- 3.5mm stereo output
- CATx output for RS-232 control
- Auto-EDID management via RF6 Extension Center
- HDCP Compliant

Technical Specifications

SIGNAL TYPE	DVI, VGA, 3.5mm Stereo Audio (compatible with HDMI using adapter)
CONNECTOR	Female DVI-D, VGA, 4LC Fiber Optic, RS232
DATA RATE	1.65 Gbps per color (DVI-D, single link) 2.25Gbps per color (HDMI)
PIXEL CLOCK	165 MHz
RESOLUTION	PC : Up to 1920x1200@60Hz HDTV: Up to 1080p@60Hz
DISTANCE	Up to 5,000ft (1,500m)
FORMATS	RGB & YCbCr digital
STANDARD	DVI 1.0, HDMI 1.3
HDCP SUPPORT	Yes
POWER	Locally powered by RF6 main frame
RF6 SPACE	Double slot space
WEIGHT	0.97 lbs (439.97 g)

DR1000RV 4LC Fiber Optic to DVI/VGA Receiver for RF6 Extension Center



Key Features

- DVI/VGA + Audio, RS-232 to 4 LC Fiber transmitter
- Supports resolutions up to 1920x1200 @60Hz, 1080p @60Hz
- 3.5mm stereo audio input
- CATx input for RS-232 control
- Auto-EDID management via RF6 Extension Center
- HDCP Compliant

Technical Specifications

SIGNAL TYPE	DVI, VGA, 3.5mm Stereo Audio (compatible with HDMI using adapter)
CONNECTOR	Female DVI-D, VGA, 4LC Fiber Optic, RS232
DATA RATE	1.65 Gbps per color (DVI-D, single link) 2.25Gbps per color (HDMI)
PIXEL CLOCK	165 MHz
RESOLUTION	PC : Up to 1920x1200@60Hz HDTV: Up to 1080p@60Hz
DISTANCE	Up to 5,000ft (1,500m)
FORMATS	RGB & YCbCr digital
STANDARD	DVI 1.0, HDMI 1.3
HDCP SUPPORT	Yes
POWER	Locally powered by RF6 main frame
RF6 SPACE	Double slot space
WEIGHT	0.97 lbs (439.97 g)



Switchers & Distribution Amplifiers

HDMI | DVI

HDMI and DVI switchers and distribution amplifiers can reliably manage multiple source and display devices and provide uninterrupted A/V signal transmission over long distances. With advanced functionalities such as Ultra HD/4K support, built-in equalization and re-clocking technology, and Auto-EDID management, PureLink switchers and DAs offer simplified connectivity and operation without programming or a control system.

UHD-120 1x2 Ultra HD/4K HDMI Distribution Amplifier



Key Features

- Two HDMI outputs from a single source
- Supports video resolutions up to Ultra HD/4K
- HDCP compliant
- Equalization and re-clocking for optimal signal quality
- Auto-EDID management - factory default settings and EDID emulation
- Active input & output LED indicators

Technical Specifications

INPUT	HDMI Single Link , 1port
OUTPUTS	HDMI Single Link , 2ports
PC RESOLUTION	VGA / SVGA / XGA /UXGA / WUXGA
HDTV RESOLUTION	480i/p , 720i/p , 1080i/p@ 60Hz, 4k2k@30Hz
CONNECTOR TYPE	DC Power Jack HDMI 19 Pin Female Serial Female
SUPPORTED FORMAT	DDWG DVI 1.0 HDMI 1.4
COMPLIANCE	Yes
ACCESSORIES	DC 5V , 2A Max (power supply)
DIMENSIONS (W x D x H)	6.6" x 3.96" x 1.58" in. 167 x 100.5 x 40 mm
WEIGHT	1.0 lbs (0.46kg)

NEW UHD2-140 1x4 Ultra HD/4K HDMI 2.0 Distribution Amplifier

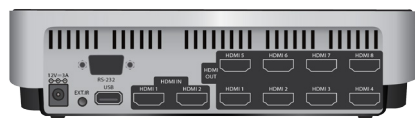


Key Features

- (4) HDMI outputs from a single HDMI source
- Supports video resolutions up to 4K@60Hz (4:4:4)
- Supports HDR (High Dynamic Range) content and BT.2020 color space
- High-bandwidth support - up to 18 Gpbs
- HDCP 2.2 compliant
- Equalization & re-clocking for optimal signal quality
- Auto-EDID management - factory default settings and EDID emulation
- Active input & output LED indicators
- Support CEC pass-through (Output #1)

Technical Specifications

INPUT	HDMI Single Link , 1port
OUTPUTS	HDMI Single Link , 4ports
PC RESOLUTION	VGA / SVGA / XGA /UXGA / WUXGA
HDTV RESOLUTION	480i/p,720i/p,1080i/p@60hz, 4096 x 2160@50/60Hz (RGB 4:4:4 YCbCr 4:4:4, 4:2:2, 4:2:0)
CONNECTOR TYPE	DC Power Jack HDMI 19 Pin Female Serial Female
SUPPORTED FORMAT	DDWG DVI 1.0 HDMI 2.0
HDCP Compliant	HDCP 2.2
ACCESSORIES	DC 5V , 2A Max (power supply)
DIMENSIONS (W x D x H)	6.6" x 3.96" x 1.58" in. 167 x 100.5 x 40 mm
WEIGHT	1.0 lbs (0.46kg)



The HDTools™ UHD-280 is a high performance distribution amplifier with Ultra HD/4K support designed to switch between two HDMI sources and send the signal simultaneously to eight displays . With built-in equalization and re-clocking technology, the UHD-280 provides uninterrupted A/V signal transmission over longer distances.

The UHD-280 offers simple plug and play functionality for easy operation without programming or a control system. Along with a durable and low power consumption design, the UHD-280 is ideal for use in home theater, presentation, and other multimedia applications.

Key Features

- 2-HDMI input to 8-HDMI output switcher and splitter
- Supports full 3D and video resolutions up to 4K@60Hz
- Equalization and re-clocking for optimal signal quality
- Auto-EDID management - factory default settings and EDID emulation
- Active input & output LED indicators
- RS-232 control
- HDCP compliant

Technical Specifications

INPUTS	HDMI Single Link , 2ports
OUTPUTS	HDMI Single Link , 8ports
PC RESOLUTION	VGA / SVGA / XGA / UXGA / WUXGA
HDTV RESOLUTION	480i/p , 720i/p , 1080i/p@ 60Hz,4k2k@30Hz
CONNECTOR TYPE	DC Power Jack HDMI 19 Pin Female Serial Female
SUPPORTED FORMAT	DDWG DVI 1.0 HDMI 1.4
COMPLIANCE	Yes
ACCESSORIES	DC 12V , 3A Max (power supply)
DIMENSIONS (W x D x H)	8.39" x 8.39" x 2.36" in.
WEIGHT	2.0 lbs (0.75kg)



The HDWall-100 divides a single HD input signal to four displays in a 2x2 configuration. A fifth HDMI output allows multiple processors to be cascaded together to drive even larger video wall configurations. With support for multiple source formats including HDMI, USB, VGA, and SVBS, the HDWall-100 provides a simple, high performance video wall solution for a variety of digital signage applications.

Key Features

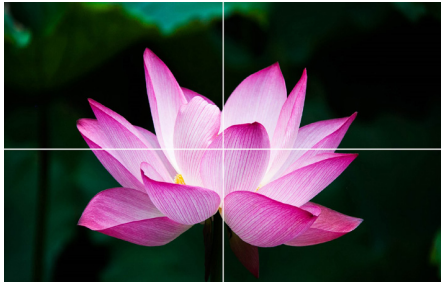
- Split and scale a single HD source to four displays
- Multi-format functionality supports HDMI, USB, VGA, and SVBS inputs
- Supports resolutions up to 1080p
- HDCP compliant
- Additional HDMI loop-out for cascading/linking multiple processors
- USB port supports video, picture, and music playback
- Adjustable bezel correction
- Convenient control options include LAN, IR and RS232
- Advanced de-interlaced adoption technology for optimal picture quality with interlaced signal

Technical Specifications

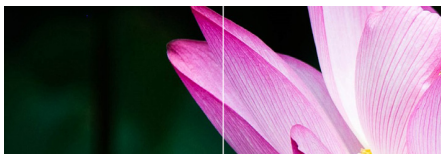
VIDEO BANDWIDTH	225MHz/6.75Gbps
INPUT PORTS	1 x HDMI (Female type) 1 x USB 1 x VGA 1 x CVBS+L/R
OUTPUT PORTS	5 x HDMI (Female type) 1 x Coaxial 2 x L/R
SUPPORTED RANGE	1080p (15m/8-bit)
ESD PROTECTION	Human Body model: ± 8kV (air-gap discharge) ± 4kV (contact discharge)
POWER SUPPLY	12V/2.5A DC (US/EU standards, CE/FCC/UL certification)
POWER CONSUMPTION	7.5W
DIMENSIONS (WXDXH)	9.84" x 4.65" x 1.26" in. 250 x 118 x 32 mm
WEIGHT	2.31 Lbs 1.05 Kg

Video Wall Layouts

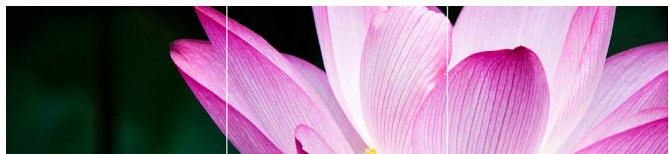
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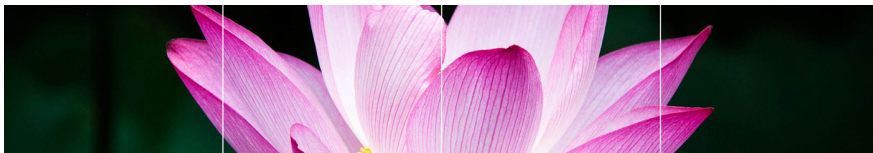
1 x 2(H)



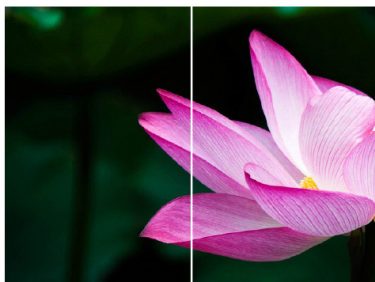
1 x 3(H)



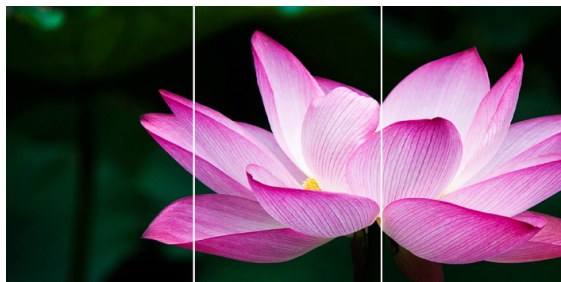
1 x 4(H)



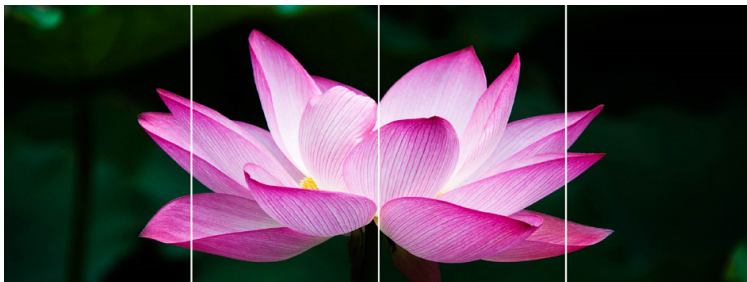
1 x 2(V)



1 x 3(V)



1 x 4(V)





The HDTools™ UHDS-41R provides switching of up to four (4) Ultra HD/4K sources to a single Ultra HD/4K display. The UHDS-41R combines the latest technologies, including HDMI 2.0 and HDCP 2.2 support, with user-friendly configuration and operation via RS-232, IR, or front panel control to deliver a simple and effective multi-input A/V switching solution.

Key Features

- 4x1 Ultra HD (4K @50/60Hz) digital A/V switcher
- HDMI 2.0 and HDCP 2.2 compliance
- Auto-switching
 - Automatic input switching by signal detection
- ARC [Audio Return Channel]
 - Allows ARC-enabled TVs to transmit audio back to an AV receiver
- Easy operation via manual toggle buttons, IR remote, and RS-232C
- Full 3D compatibility
- Auto-EDID management
- Supports Dolby TrueHD, Dolby Digital Plus and DTS-HD Master audio, LPCM
- DVI and Displayport compatible (with adapters)

Technical Specifications

INPUTS	HDMI single link, 4 ports (Female type)
OUTPUT	HDMI single link, 1 port (Female type)
BANDWIDTH	18 Gbps
PC RESOLUTION	VGA ~ WUXGA (up to 1920 x 1200 @60Hz)
HDTV RESOLUTION	480i ~ 1080p, Up to Ultra HD 4K 4096 x 2160 @50/60Hz (RGB 4:4:4 YCbCr 4:4:4, 4:2:2, 4:2:0)
CONNECTOR TYPE	4 x HDMI inputs 1 x HDMI output, 1 x IR, 1 x RS232, 1 x Analog audio out, 1 x DC power jack
COMPLIANCE	Yes, HDCP 2.2
ESD PROTECTION	Human Body model: ± 8kV (air-gap discharge) ± 4kV (contact discharge)
SUPPORTED FORMAT	HDMI version 2.0 DVI version 1.0
ACCESSORIES	DC +5V , 1A , 2.5W Max (Power Supply)
DIMENSIONS	7.1" x 3.3" x 0.5" in.
(W x D x H)	180 x 85 x 11.6 mm
WEIGHT	0.6 lbs (0.3kg)



The HT-150 provides distribution of HDMI over four HDBaseT outputs, extending HDMI up to 330 ft. (100 m.) to four remote locations over a single category CATx cable. An additional HDMI output allows local monitoring, a feature not offered by other brands. The HT-150 also delivers immediate system analysis with status LEDs that indicate the signals present on the input and outputs, an exclusive diagnostic only offered by PureLink's HDTools™ line.

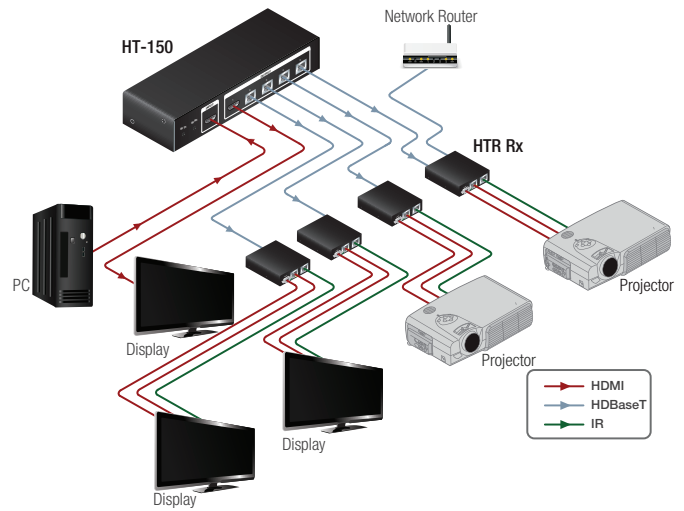
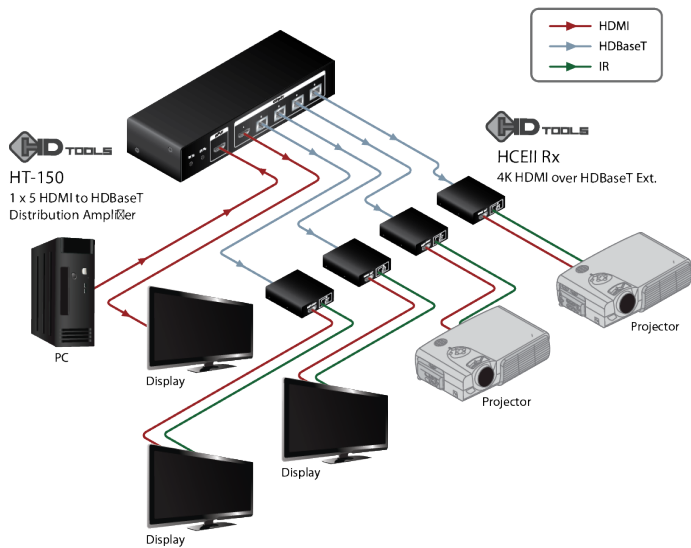
Key Features

- Distribute a single source to five (5) displays
- I/O Ports: 1 x HDMI IN, 1 x HDMI OUT, and 4 x CATx OUT (HDBaseT)
- Extend a single source at 1080p up to 330ft over single category CATx cable with PureLink's HDBaseT extender receivers. (Note: the HCE II Rx supports max distance of 230 ft.)
- Direct compatibility with PureLink's HDBaseT extender receivers, eliminating the need for matching transmitters
- Supported resolutions: uncompressed high definition video up to 1080p@60Hz
- HDMI v1.3 with 3D support
- HDCP compliant
- Local HDMI output for in room display, AVR, or cascading to another distribution amplifier
- IR control for remote locations

Technical Specifications

INPUTS	HDMI 1, IR 1
OUTPUTS	HDMI 1, CATx 4, IR 1
PC RESOLUTION	VGA / SVGA / XGA / UXGA / WUXGA
HDTV RESOLUTION	480i/p , 720i/p , 1080i/p
HDBASET DISTANCE	330 ft (100m) with HTR Rx 230 ft (70m) with HCE II Rx
IR CARRIER FREQUENCY	30 ~ 60 KHz
IR EMITTER/RECEIVE ANGLE	Tx: -30° C~+30° C Rx: -50° C~+50° C
IR DISTANCE	16 ft (5m)
CONNECTOR	HDMI 19 Pin Female, RJ 45 3.5mm Phone Jack (for IR) DC Power Jack
SUPPORTED FORMAT	HDMI 1.3
COMPLIANCE	Yes, HDCP
ACCESSORIES	DC +12V , 4.2A (Power Supply)
DIMENSIONS	9.97" x 5.7" x 1.57" in.
(W x D x H)	253 x 145 x 40 mm
WEIGHT	1.9 lbs (0.86 kg)

HT-150 1x5 HDMI to HDBaseT Distribution Amplifier



HT-150 - TotalHD Bundles 1x5 HDMI Distribution Amplifier and HDBaseT Receiver Solutions Bundles

Item No.	Description
HT-150-KIT1-1	HDTools (1) HT-150 with (1) HCE II Rx
HT-150-KIT1-2	HDTools (1) HT-150 with (2) HCE II Rx
HT-150-KIT1-3	HDTools (1) HT-150 with (3) HCE II Rx
HT-150-KIT1-4	HDTools (1) HT-150 with (4) HCE II Rx
HT-150-KIT2-1	HDTools (1) HT-150 with (1) HTR Rx
HT-150-KIT2-2	HDTools (1) HT-150 with (2) HTR Rx
HT-150-KIT2-3	HDTools (1) HT-150 with (3) HTR Rx
HT-150-KIT2-4	HDTools (1) HT-150 with (4) HTR Rx

Related Items	Description
HT-150-RM	HT-150 Rack Mount Kit

HDS-21RS 2 x 1 HDMI Switcher with Scaling

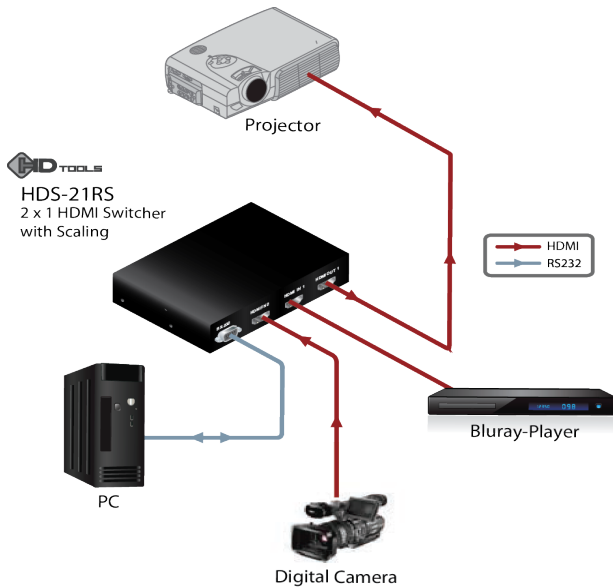


The HDS-21RS is a 2-HDMI input to 1-HDMI output switcher and scaler providing easy switching between two HDMI source signals to a single high definition display. The HDS-21RS features auto-scaling of any video signal up to 1080p, as well as PIP (picture-in-picture) technology offering built-in multi-view functionality. Together with PureLink's Don't Blink™ Seamless Switching Technology, as well as user-friendly configuration and operation, the HDS-21RS delivers a simple and effective multi-input A/V switching solution.

Key Features

- Switch easily between any two HDMI sources
- Don't Blink™ Seamless Switching Technology with Auto-scaling
- Multi-viewer with PIP (picture in picture) display technology
- Device selection via front panel buttons, IR remote control, and RS- 232
- HDCP compliant

Technical Specifications



INPUTS	HDMI 2ports (Female type)
OUTPUT	HDMI 1port (Female type)
INPUT RESOLUTION	480i60Hz, 480p60Hz, 576i50Hz, 576p50Hz, 720p50/60Hz 1080i50/60Hz, 1080p24/30/50/60Hz,
OUTPUT RESOLUTION	800x600@60, 1024x768@60, 1280x720@60, 1920x1080@60 1080p,1080i,720p,1024x768, 1360x768
AUDIO OUTPUT	PCM2, 5.1, 7.1CH, Dolby 5.1, DTS5.1
VIDEO BANDWIDTH	225MH 6.75Gbps
ESD PROTECTION	Human Body model: ±8 kV (air-gap discharge) ±4 kV (contact discharge)
OPERATING STORAGE	0 °C~40 °C/ 32 °F~104 °F -20 °C ~ 60°C/-4 °F ~140 °F
HUMIDITY	20~90 % RH (non-condensing)
ACCESSORIES	5V/1A DC 10W (US/EU standards, CE/FCC/UL certified)
DIMENSIONS (W x D x H)	2.76 x 5.51 x 0.98 in. 70 x 140 x 25 mm
WEIGHT	0.66 lbs (0.3kg)



The HDS-41R allows number of digital video sources (with audio) to deliver one high quality picture video display (with audio). Our unique switch allows easy switching between different digital video sources (with audio) with remote control unit and/or with a manual toggle button in front and/or via RS232 port.

Key Features

- Switch easily between any four HDMI sources
- Don't Blink™ Seamless Switching Technology with Auto-scaling
- Supports resolutions up to 1080p
- Device selection via front panel buttons, IR remote control, and RS- 232
- HDCP compliant

Technical Specifications

INPUTS	HDMI 4 Ports. RS-232
OUTPUT	HDMI 1Port
PC RESOLUTION	VGA / SVGA / XGA / UXGA
HDTV RESOLUTION	480i, 480p , 720i, 720p , 1080i, 1080p
CONNECTOR TYPE	DC Power Jack x 1 HDMI input x 4 HDMI output x 1
COMPLIANT	Yes HDCP
ACCESSORIES	DC +5V , 2W Max (power supply)
DIMENSIONS (W X D X H)	9" x 4.1" x 1.2" in. 228.6 x 104.14 x 30.48 mm
WEIGHT	1 lbs (0.45 kg)

HD-250 2x5 HDMI Distribution Amplifier



Key Features

- Fifth(5) HDMI outputs from Two(2) HDMI inputs
- Supports video resolutions up to Full HD(1080p@60)
- HDCP compliant
- Equalization and re-clocking for optimal signal quality
- Auto-EDID management - factory default settings and EDID emulation
- Active input & output LED indicators

The HD-250 is designed to distribute up to 2 HDMI switchable inputs (PC, AVR) at full 1080p HD, to as many as 5 HD display monitors with no degradation of the original signal quality or distortion of the image.

Technical Specifications

INPUT	HDMI Single Link , 2 ports
OUTPUTS	HDMI Single Link , 5 ports
PC RESOLUTION	VGA / SVGA / XGA / UXGA / WUXGA
HDTV RESOLUTION	Up to 1080i/p@ 60Hz
CONNECTOR TYPE	DC Power Jack HDMI19 Pin Female
SUPPORTED FORMAT	DDWG DVI 1.0 HDMI 1.3A
COMPLIANCE	Yes, HDCP
ACCESSORIES	DC 12V, 4A, 13W Max (power supply)
DIMENSIONS (W X D X H)	11" x 6.3" x 2.4" in. 279.4 x 160.0 x 60.96 mm
WEIGHT	3.3 lbs (1.49kg)

HD-2100 2x10 HDMI Distribution Amplifier



Key Features

- Two(2) HDMI outputs from Ten(10) HDMI inputs
- Supports video resolutions up to Full HD(1080p@60)
- HDCP compliant
- Equalization & re-clocking for optimal signal quality
- Auto-EDID management - factory default settings and EDID emulation
- Active input & output LED indicators

The HD-2100 allows two digital video sources to be split up to 10 digital displays. The built-in amplification function enables HDMI signal distribution without signal loss.

Technical Specifications

INPUT	HDMI Single Link , 2 ports
OUTPUTS	HDMI Single Link , 10 ports
PC RESOLUTION	VGA / SVGA / XGA / UXGA / WUXGA
HDTV RESOLUTION	Up to 1080i/p@ 60Hz
CONNECTOR TYPE	DC Power Jack HDMI19 Pin Female
SUPPORTED FORMAT	DDWG DVI 1.0 HDMI 1.3A
COMPLIANT	Yes, HDCP
ACCESSORIES	DC 12V, 4.2A, 13W Max (power supply)
DIMENSIONS (W X D X H)	13.5" x 6.41" x 1.77" in. 343 x 163 x 45 mm
WEIGHT	3.8 lbs (1.72kg)

DD-120 1x2 DVI Distribution Amplifier



Key Features

- Two(2) DVI outputs from a single source
- Supports video resolutions up to Full HD(1080p@60)
- HDCP compliant
- Equalization and re-clocking for optimal signal quality
- Auto-EDID management - factory default settings and EDID emulation
- Active output LED indicators

The DD-120 makes it possible to extend DVI HD content from one source to two DVI displays. Like all PureLink products, its guaranteed to meet the 1080p spec and work flawlessly for many years to come.

Technical Specifications

INPUT	DVI Single Link , 1 port
OUTPUTS	DVI Single Link , 2ports
PC RESOLUTION	VGA / SVGA / XGA / UXGA / WUXGA
HDTV RESOLUTION	Up to 1080i/p@ 60Hz
CONNECTOR TYPE	DC Power Jack DVI 29 Pin Female
SUPPORTED FORMAT	DDWG DVI 1.0 HDMI 1.3A
COMPLIANCE	Yes, HDCP
ACCESSORIES	DC 5V , 2A Max (power supply)
DIMENSIONS (W X D X H)	7.5" x 4.25" x 1.37" in. 190.5 x 107.95 x 101.6 mm
WEIGHT	1.0 lbs (0.45kg)

DD-250 2x5 DVI Distribution Amplifier



Key Features

- Fifth(5) DVI outputs from Two(2) DVI inputs
- Supports video resolutions up to Full HD(1080p@60)
- HDCP compliant
- Equalization & re-clocking for optimal signal quality
- Auto-EDID management - factory default settings and EDID emulation
- Active input & output LED indicators

The DD-250 is designed to distribute up to 2 DVII switchable inputs (PC, AVR) at full 1080p HD, to as many as 5 HD display monitors with no degradation of the original signal quality or distortion of the image.

Technical Specifications

INPUT	DVI Single Link , 2ports
OUTPUTS	DVI Single Link , 5ports
PC RESOLUTION	VGA / SVGA / XGA / UXGA / WUXGA
HDTV RESOLUTION	Up to 1080i/p@ 60Hz
CONNECTOR TYPE	DC Power Jack DVI 29 Pin Female
SUPPORTED FORMAT	DDWG DVI 1.0 HDMI 1.3A
COMPLIANT	Yes, HDCP
ACCESSORIES	DC 12V, 4A, 13W Max (power supply)
DIMENSIONS (W X D X H)	13.7" x 6.4" x 1.7" in. 347.9 x 162.5 x 43.18 mm
WEIGHT	3.7 lbs (1.68kg)

DD-2100 2x10 DVI Distribution Amplifier



Key Features

- Ten(10) DVI outputs from Two(2) DVI inputs
- Supports video resolutions up to Full HD(1080p@60)
- HDCP compliant
- Equalization and re-clocking for optimal signal quality
- Auto-EDID management - factory default settings and EDID emulation
- Active input/output LED indicators

The DD-2100 enables you to switch 2 digital signals and regenerate the signal up to 10 DVI displays. Like all PureLink products, the DD-2100 is built to be the most reliable device of its kind and offers a unique and affordable solution for pro and semi-pro installations where digital switching is a must.

Technical Specifications

INPUT	DVI Single Link , 2ports
OUTPUTS	DVI Single Link , 10ports
PC RESOLUTION	VGA / SVGA / XGA / UXGA / WUXGA
HDTV RESOLUTION	Up to 1080i/p@ 60Hz
CONNECTOR TYPE	DC Power Jack DVI 29 Pin Female
SUPPORTED FORMAT	DDWG DVI 1.0 HDMI 1.3A
COMPLIANCE	Yes, HDCP
ACCESSORIES	DC 12V , 4A, 13W Max (power supply)
DIMENSIONS (W X D X H)	16.7" x 6.4" x 1.7" in. 425 x 165 x 56 mm
WEIGHT	4.6 lbs (2.08kg)



The DS-41R connects 4 DVI source devices to 1 DVI display. It offers effective and reliable solution that eliminates the need to purchase several DVI displays.

Key Features

- Switch easily between any four DVI sources
- Supports resolutions up to 1080p
- Device selection via front panel display, RS-232, and IR
- HDCP compliant

Technical Specifications

INPUTS	DVI-D Female 4ports, RS-232
OUTPUT	DVI-D Female 1port
BANDWIDTH	1.65 Gbps (single link)
PC RESOLUTIONS	Up to 1920 X 1200@ 60Hz
HDTV RESOLUTIONS	Up to 1080p@ 60Hz
ACCESSORIES	DC 5V, 2A Max. (Power Supply)
DIMENSIONS	11 x 3.25 x 1 in.
(W X D X H)	279.4 x 82.55 x 25.4 mm
WEIGHT	3.0 lbs (1.36 kg)



Format Converters

Format conversion systems can change various analog/VGA and digital signal types into another and minimize routing and distribution complexity. Emulation devices enhance and maintain optimal signal quality, providing a seamless source to display connection.



The **UHD-Scaler-FC** accepts a wide range of input resolutions, from 480i up to 4K@60Hz 4:4:4, and output resolutions of up to 4K@60Hz 4:4:4 (with digital and analog audio extraction). The UHD-Scaler-FC automatically scales any input signal to match the native resolution of the display, or any connected HDMI device. With support for data rates of up to 18 Gbps, full HDMI 2.0 compliance, an OSD (on screen display) menu, as well as RS-232 control, PureLink’s UHD-Scaler-FC is ideal for HD/Full HD/Ultra HD 4K interoperation environments that have either mismatched resolutions or that are experiencing EDID or HDCP version issues.

Key Features

- Ideal solution for HD, Full HD, and Ultra HD/4K interoperation environment
- HD to Full HD or Ultra HD/4K upscaling up to 4K@60Hz 4:4:4 resolution
- Ultra HD/4K to Full HD or Hd downscaling down to 1024x768@60Hz
- Supports input & output resolutions from 480i up to 4K@60Hz 4:4:4 (HDMI 2.0)
- Automatically scales any input signal to match the native resolution of the display or any connected HDMI device
- Supports 25/30/50/60Hz frame conversion
- Manually set output to a specific resolution
- Supports data rates of up to 18 Gbps
- Automatic output picture adjustment including aspect ratio
- Front panel, OSD (on screen display) menu, and RS-232 control
- Supports HDMI audio extraction via optical digital audio and 3.5mm analog audio
- HDCP 2.2 compliant
- CEC pass-through
- Supports USB firmware update

Technical Specifications

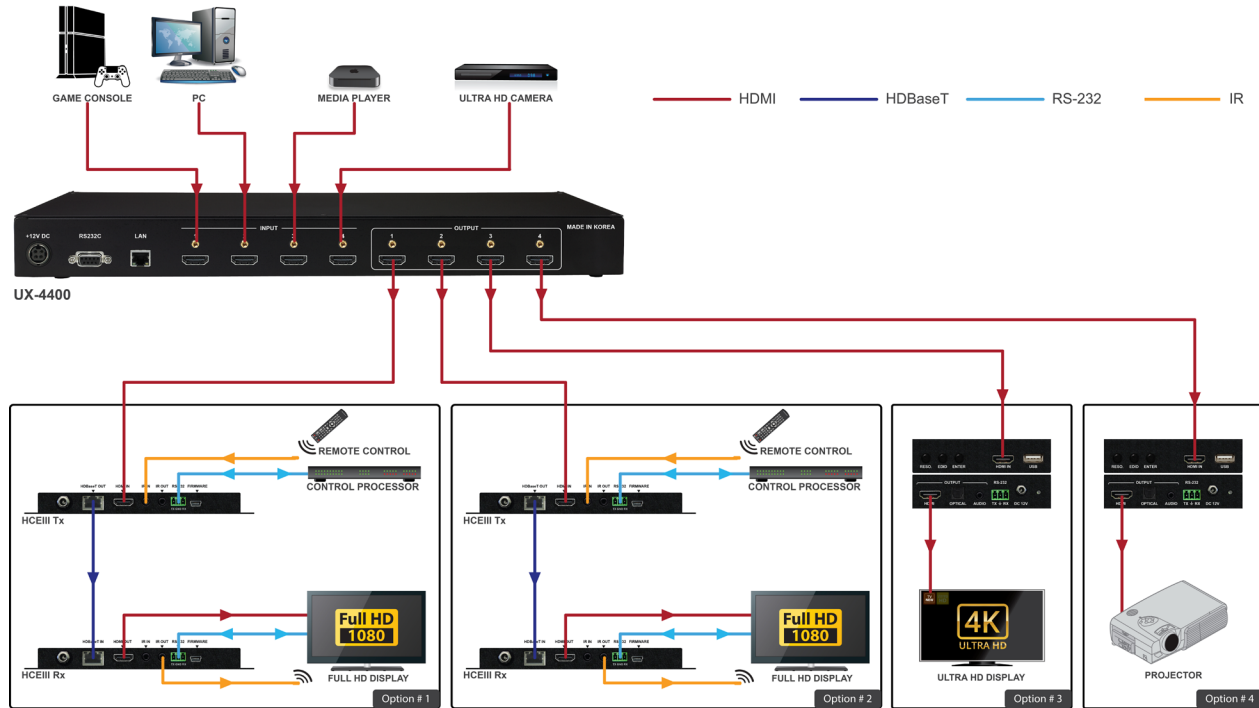
INPUTS	1xHDMI Type A [19-pin female], 1xRS232 [Phoenix connector], 1xFirmware [Mini USB]
OUTPUTS	1xHDMI Type A [19-pin female], 1xOptical digital audio, 1x3.5mm analog audio
HDMI AUDIO	LPCM 2/5.1/7.1 Ch, Dolby Digital+, Dolby TrueHD, Dolby Digital, Dolby Atmos, DTS:X, DTS-HD Master Audio, DTS 5.1
HDMI VERSION	HDMI 2.0
HDCP COMPLIANCE	HDCP 2.2
DATA RATE	18 Gbps
RESOLUTIONS	Ultra HD/4K up to 4096 x 2160 @50/60Hz (RGB 4:4:4, YCbCr 4:4:4, 4:2:2, 4:2:0)
POWER	Input: AC100 – 240V 50/60Hz Output: DC 12V/1A (US/EU standard, CE/FCC/UL certified)
DIMENSIONS(4.5" x 3.9" x 0.98" in.
W x D x H)	115 x 100 x 25 mm
WEIGHT	1.0 lbs (0.45 kg)

Application Diagram

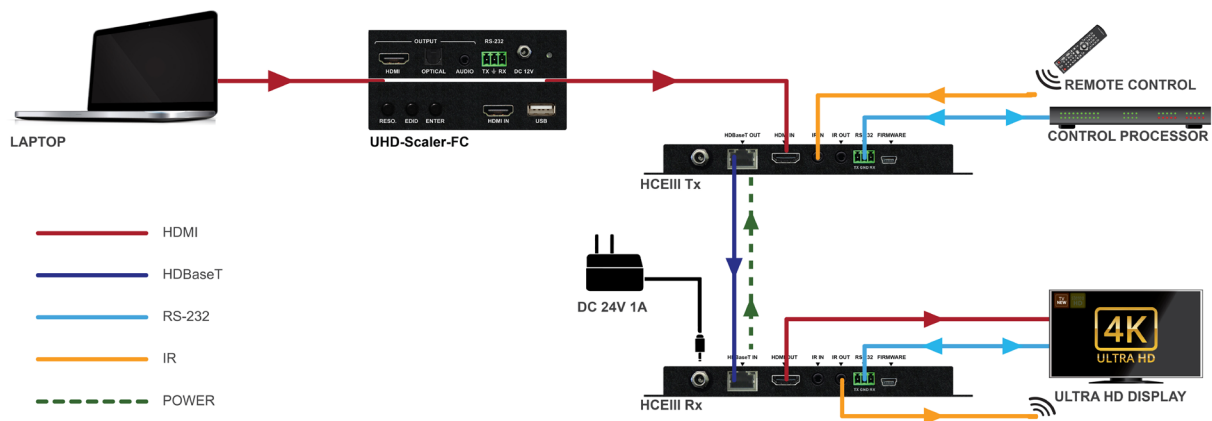
4K System with 1080p TV HDMI Matrix Application

Ultra HD/4K to 1080p downscaling

(Ex, 4K TVs in a living room and a game room and 1080p TV in a kitchen)



Fixed Output Resolution for BYOD Application



DVI-DOC Digital Signal Isolator



Key Features

- DVI + 3.5mm stereo audio signal isolator with pixel re-clocking
- Supports cable lengths up to 50 m.
- Fully compatible with DDWG DVI standard
- Supports HDMI signal transmission with adapter

Technical Specifications

INPUT	Digital RGB(DVI), Single Link 3.5mm Analog Stereo Audio
OUTPUT	Digital RGB(DVI), Single Link 3.5mm Analog Stereo Audio
PC RESOLUTION	Full HD(1920x1080)
HDTV RESOLUTION	WUXGA(1920x1200)
DISTANCE	Max. 165ft (50m)
INPUT CONNECTOR	29 PIN DVI-I Connector
OUTPUT CONNECTOR	29 PIN DVI-I Connector
AUDIO CONNECTOR	3.5mm Stereo Jack
ACCESSORIES	DC 5V 1A (Power Supply)
DIMENSIONS (W x D x H)	2.7" x 1.0" x 2.2" in. 69 x 26 x 55 mm
WEIGHT	0.33 lbs (150 g)

DVI-DOC-F Fiber Optic Digital Signal Isolator



Key Features

- DVI + 3.5mm stereo audio signal isolator with pixel re-clocking
- Fiber transmission eliminates electrical noise and provides decoupling between devices
- Fully compatible with DDWG DVI standard
- Supports HDMI signal transmission with adapter

Technical Specifications

INPUT	Digital RGB(DVI), Single Link 3.5mm Analog Stereo Audio
OUTPUT	Digital RGB(DVI), Single Link 3.5mm Analog Stereo Audio
PC RESOLUTION	Up to WUXGA(1920x1200)
HDTV RESOLUTION	Up to 1920x1080p
DISTANCE	Max. 100ft (30m)
INPUT CONNECTOR	29 PIN DVI-I Connector
OUTPUT CONNECTOR	29 PIN DVI-I Connector
AUDIO CONNECTOR	3.5mm Stereo Jack
RS-232 CONNECTOR	3 PIN Phoenix Connector
ACCESSORIES	DC 12V, 3.0A (Power Supply)
DIMENSIONS (W x D x H)	6.88" x 4.5" x 1.0" in. 174.63 x 114.3 x 25.4 mm
WEIGHT	5.2 lbs (2.38 kg)

HC-VH1 VGA to HDMI Converter w/Audio



Key Features

- Converts VGA signals to high definition HDMI with stereo audio
- Supports output resolutions up to 1080p@60Hz
- Embeds audio signals into the HDMI signal
- Maximum data transfer rate up to 6.75Gbps for quick error-free transmission
- Can be powered directly from the VGA source

Technical Specifications

INPUT	VGA
OUTPUT	HDMI
PC RESOLUTION	Up to 1600 x 1200 @60Hz
HDTV RESOLUTION	Up to 1080p @60Hz
INPUT CONNECTOR	VGA
OUTPUT CONNECTOR	HDMI
AUDIO CONNECTOR	Via 3.5mm to HDMI
POWER CONNECTOR	From VGA port and/or USB port
CONSUMPTION	Less than 2W
DDC SIGNAL	5Vp-p (TTL)
DIMENSIONS (W x D x H)	1.8" x 3.4" x 0.7" in. 45.8 x 85.5 x 17.5 mm
WEIGHT	0.4 lbs (181.43 g)

HC-HD1 HDMI to DVI Format Converter

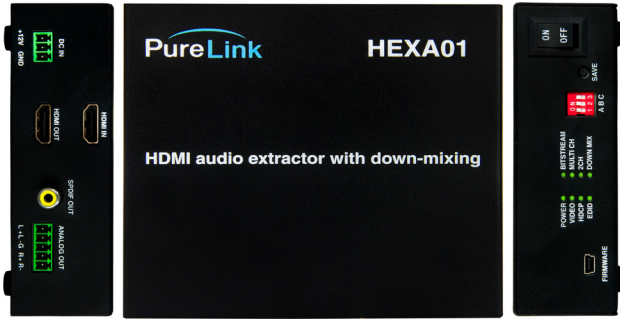


Key Features

- Converts VGA signals to high definition HDMI with stereo audio
- Supports output resolutions up to 1080p@60Hz
- Embeds audio signals into the HDMI signal
- Maximum data transfer rate up to 6.75Gbps for quick error-free transmission
- Can be powered directly from the VGA source

Technical Specifications

INPUT	Digital Video and Audio combined signal (HDMI)
OUTPUT	Digital Video (DVI), Digital Audio (SPDIF)
PC RESOLUTION	Up to WUXGA
HDTV RESOLUTION	Up to 1080p @60Hz
INPUT CONNECTOR	HDMI
OUTPUT CONNECTOR	DVI
AUDIO CONNECTOR	Via HDMI to SPDIF
CONSUMPTION	DC 5V, 5W Max
DDC SIGNAL	5Vp-p (TTL)
DIMENSIONS (W x D x H)	3.54" x 4.1" x 1.18" in. 90 x 103 x 30 mm
WEIGHT	0.66 lbs (0.3 kg)



Key Features

- Digital and Analog audio support*
- Balanced or unbalanced analog audio
- HDMI Output Audio On/O
- HDMI 1.4 with full 3D support
- Auto-EDID (EDID Library, Emulation)
- HDCP Compliant
- Field Upgradable

Technical Specifications

INPUT	HDMI (TMDS)
OUTPUTS	HDMI (TMDS), SPDIF and Stereo audio
DATA RATE	2.25 Gbps
FREQUENCY RANGE	25 – 165 Mhz
PC RESOLUTION	Up to 1920X1200@60Hz
HDTV RESOLUTION	Up to 1080p
INPUT CONNECTOR	19-pin Female HDMI
OUTPUT CONNECTOR	19-pin Female HDMI S/PDIF
STANDARD	HDMI 1.4
COMPLIANCE	Yes
ACCESSORIES	DC +12V 3A, 36W Max (Power Supply)
DIMENSIONS	4.7" x 3.5" x 0.8" in.
(W x D x H)	120 x 90 x 20 mm
WEIGHT	1 lbs (0.5 kg)



The **SC-DS1** converts an HDMI or DVI signal to an SD, HD, or 3G-SDI signal output, supporting resolutions up to 1080p. The SC-DS1 delivers lossless signal transmission and provides a convenient solution for connecting HDMI devices with professional SDI video equipment used in post-production and broadcast applications.

Key Features

- Real-time conversion of an HDMI input to an SD/HD/3G-SDI output
- Supports HDMI v1.4b with Deep Color
- Dual Link 3G-SDI (standardized in SMPTE 424M)
- Automatic input signal detection
- Support DVI input with adapter

Technical Specifications

INPUT	HDMI/DVI
OUTPUT	HD-SDI/3G-SDI/SDI
INPUT DATA FORMAT	HDMI(YCbCr(4:2:2)), DVI(RGB(4:4:4)) SDI format YCbCr(4:2:2)
OUTPUT DATA FORMAT	Up to Full HD(1920*1080p)
INPUT RESOLUTION	1080p @ (60/59.94) 1080i @ (60/59.94/50) 1080p @ (25/24/23.976) 720p @ (60/59.94/50) 480i @ (59.94) Up to Full HD(1920*1080p)
OUTPUT RESOLUTION	SMPTE-425M-1080p@(60/59.94) SMPTE-274M-1080i@(60/59.94/50) SMPTE-260M-1080p@(25/24/23.976) SMPTE-296M-720p@(60/59.94/50) SMPTE-125M-480i@(59.94)
RECEPTACLE	DC Power Jack BNC Female HDMI 19 Pin Female
COMPLIANCE	SMPTE HDMI Ver 1.4 DDWG DVI 1.0
INPUT CONNECTOR	HDMI Female 19P
OUTPUT CONNECTOR	BNC Female
ACCESSORIES	DC 5V, 2A 5Watts (Power Supply)
DIMENSIONS (W x D x H)	4.0 x 3.07 x 1.18 in. 102 x 78 x 30 mm
WEIGHT	0.66 lbs (0.3 kg)

SC-SD2 3G/HD-SDI to HDMI Format Converter



The **SC-SD2** converts video and audio from a 3G/HD-SDI signal to an HDMI output, supporting native resolutions up to 1080p. The SD-SD2 delivers lossless signal transmission for reliable connectivity in post-production and broadcast applications.

Key Features

- Real-time conversion of an HDMI input to an SD/HD/3G-SDI output
- Supports HDMI v1.4b with Deep Color
- Dual Link 3G-SDI (standardized in SMPTE 424M)
- Automatic input signal detection
- Supports DVI output with adapter

Technical Specifications

INPUT	HD-SDI/SDI
OUTPUT	DVI/HDMI
INPUT DATA FORMAT	SDI format YCbCr(4:2:2)
OUTPUT DATA FORMAT	HDMI(YCbCr(4:2:2)), DVI(RGB(4:4:4))
INPUT RESOLUTION	Up to Full HD(1920*1080p)
	SMPTE-425M-1080p@(60/59.94)
	SMPTE-274M-1080i@(60/59.94/50)
	SMPTE-260M-1080p@(25/24/23.976)
	SMPTE-296M-720p@(60/59.94/50)
	SMPTE-125M-480i@(59.94)
OUTPUT RESOLUTION	Up to Full HD(1920*1080p)
	1080p @ (60/59.94)
	1080i @ (60/59.94/50)
	1080p @ (25/24/23.976)
	720p @ (60/59.94/50)
	480i @ (59.94)
RECEPTACLE	DC Power Jack BNC Female HDMI 19 Pin Female
COMPLIANCE	SMPTE HDMI Ver 1.3 DDWG DVI 1.0
AUDIO FORMAT	AES/EBU 48Khz Sampling Rate
INPUT CONNECTOR	BNC Female
OUTPUT CONNECTOR	HDMI Female 19P
ACCESSORIES	DC 5V, 2A 5Watts (Power Supply)
DIMENSIONS	4.0 x 3.07 x 1.18 in.
(W x D x H)	102 x 78 x 30 mm
WEIGHT	0.66 lbs (0.3 kg)



The **SE-DDL** is an EDID Emulator for single-link and dual-link DVI featuring PureLink's proprietary Auto-EDID management system. The SE-DDL automatically manages EDID communication between connected devices, ensuring that all sources power up properly and maintain optimal video settings for display.

Technical Specifications

INPUT	Digital RGB(DVI), Single Link and Dual Link
OUTPUT	Digital RGB(DVI), Single Link and Dual Link
RESOLUTIONS	Up to 3840 x 2400 @ 30Hz
EDID ROTARY	16 Rotary Switch (0~9 & A~F)
INPUT CONNECTOR	29 PIN DVI-I Connector
OUTPUT CONNECTOR	29 PIN DVI-I Connector
POWER CONNECTOR	Micro USB Connector
FIRMWARE CONNECTOR	Serial
ACCESSORIES	DC 5V, 1.0A (power supply)
DIMENSIONS (W x D x H)	3.5 x 3.4 x 1.2 in. 88 x 85 x 30 mm
WEIGHT	0.4 lbs (0.19 kg)

Key Features

- Auto-EDID system automatically maintains EDID communication between connected devices
- Provides continuous EDID handshake with DVI sources
- Built-in rotary switch allows users to quickly emulate desired EDID settings (up to 15 total EDIDs including 12 default EDID and 3 empty positions)
- Built-in equalizer for reliable signal quality performance
- EDID default, capture, and bypass mode
- Can be powered directly from the DVI source or with an optional power supply



The **HDG-Mini** HDMI Test Signal Generator provides installers with a convenient way to calibrate, synchronize, and troubleshoot video display devices for accurate signal reproduction.

With innovative features such as an LCD display for preview monitoring, integrated EDID emulation, and a lightweight, portable design, the HDG-Mini allows integrators and installers to quickly diagnose virtually any connectivity issue and perform cost-effective system maintenance.

Key Features

- HDMI and DVI video signals
- Supports resolutions up to
- 1920x1200 @ 60Hz, 1080p @ 60Hz
- Five (5) selectable test pattern
- pre-sets
- Input signal analysis
- Enhanced EDID management
- HDCP compliant

Technical Specifications

INPUT SIGNAL	DVI / HDMI (TMDS)
OUTPUT SIGNAL	DVI / HDMI (TMDS)
BUILT-IN TIMING CHART	720 X 480p @60Hz, 1024 X 768 @60Hz 1280 X 720p @60Hz, 1920 X 1080p @60Hz, 1920 X 1200 @60Hz * Useful when using it to test a monitor by sending test pattern image at common resolution. *
DISPLAY RESOLUTIONS	PC: VGA ~ WUXGA (up to 1920 x 1200 @60Hz) HDTV: 480i ~ 1080p
HDCP COMPLIANCE	Yes
CONNECTOR TYPE	HDMI Female connector (Rx, Tx) (Rx for source), (Tx for monitor)
CONFORMATIONS	HDMI 1.3
POWER RATING	DC +5V, Use 3 Watts Max
DIMENSION (W X D X H)	4.7" x 3.5" x 0.8" in. 120 x 90 x 20 mm
WEIGHT	0.92 lbs (0.42 Kg)



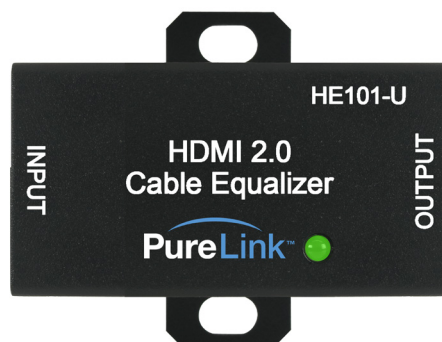
The HDTools™ **HDG 2.0** provides a convenient tool for integrators and installers for testing, generating, and verifying A/V signal paths, as well as calibrating existing system devices. The HDG 2.0 is capable analyzing signal resolutions up to 4K@60Hz (4:4:4) and is fully compliant with HDMI 2.0 and HDCP 2.2 standards. With over 50 built-in timings, 31 test patterns, and multiple data analysis patterns, the HDG 2.0 provides a large array of testing options with support for EDID and HDCP analysis, along with EDID upload and emulation.

Key Features

- Max resolution - Ultra HD/4K (50/60Hz, 4:4:4 chroma subsampling)
- Signal path analysis – Source and sink up to 18G HDMI signals
- HDR (High Dynamic Range) testing & analysis
- Multiple HDCP output options - HDCP 2.2, 1.4, and HDCP OFF
- CEC compliance testing
- EDID analysis and emulation
- 55 video resolutions and 31 test patterns
- Various color space testing options (RGB/YCbCr444/YCbCr422/YCbCr420)
- Various color depth testing options (24, 30, and 36 bit per pixel)
- External digital audio input & output
- User friendly interface – OLED display
- Compact, rugged design – battery-operated for greater portability
- BT2020 color representation
- Supports Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio plus LPCM (up to 192kHz)
- Supports DVI and DisplayPort with adapters (sold separately)

Technical Specifications

INPUTS	1x HDMI Type A [19-pin female], 1x SPDIF In [Optical], 1x RS-232 [3.5mm Mini-jack]
OUTPUTS	1x HDMI Type A [19-pin female], 1x SPDIF Out [Optical]
HDMI COMPLIANCE	HDMI 2.0b
HDCP COMPLIANCE	HDCP 2.2
VIDEO BANDWIDTH	18 Gbps
VIDEO RESOLUTIONS	Up to 4K@50/60Hz (YUV4:4:4)
COLOR SPACE	RGB, YCbCr 4:4:4, YCbCr 4:2:2
COLOR DEPTH	8-bit, 10-bit, 12-bit
HDMI AUDIO FORMATS	Internal: LPCM 2CH, 48kHz, 16bits External SPDIF: LPCM 2/5.1CH, Dolby Digital, DTS 5.1 HDMI Pass-through: LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
ESD PROTECTION	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
ALTITUDE	Input: AC100 - 240V 50/60Hz Output: DC 5V/2A (US/EU standards, CE/FCC/UL certified)
DIMENSIONS (WXDXH)	6.5" x 4.1" x 1.5" (165 x 103 x 37.4mm)
WEIGHT	1 lbs (0.36 kg)



The **HE101-U** Signal Equalizer provides a convenient installation solution for extending and amplifying high-bandwidth HDMI 2.0 signals using standard HDMI cables in a home or office environment.

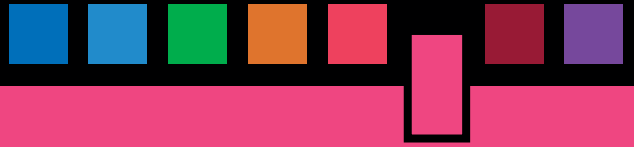
The HE101-U can be attached between long cable runs - up to 10 meters (5 meters each from the input and output source) - supporting full 4K@60Hz (4:4:4) resolutions. Using proprietary signal regeneration technology, the HE101-U automatically provides the necessary active equalization to ensure optimal image quality over longer distances. Together with HDCP 2.2 compliance, as well as the ability to draw power directly from the HDMI source, the HE101-U combines easy integration with seamless and reliable performance.

Key Features

- Supports cable lengths up to 33 ft. (10 m) at 4K/60 (4:4:4) resolutions, up to 66 ft. (20 m) at 4K/60 (4:2:0) resolutions, and up to 132 ft. (40 m) at resolutions up to 1080p
- High bandwidth support - up to 18 Gbps
- HDCP 2.2 compliance
- Proprietary signal re-generation & repeating technology enables maximum transmission distance
- Draws power directly from the HDMI source (Micro-USB power injection optional)
- Seamless, easy integration

Technical Specifications

INPUTS	HDMI Single Link , 1 port
OUTPUTS	HDMI Single Link , 1 port
SUPPORTED RESOLUTION	Ultra HD/4K Up to 4096 x 2160 @ 50/60Hz (RGB 4:4:4 YCbCr 4:4:4, 4:2:2, 4:2:0)
CONNECTOR TYPE	HDMI 19 Pin Female Micro USB power jack
SUPPORTED FORMAT	HDMI 2.0
HDCP COMPLIANT	Yes, Pass thru, HDCP 2.2
MULTI-CHANNEL AUDIO	Yes, Pass thru
HDR SUPPORT	Yes, Pass thru
CEC SUPPORT	Yes, Pass thru
EDID	Pass thru
POWER	HDMI (via HDMI pin# 18) or Micro USB DC +5V , 2A, Max 10W * Micro USB is an optional, does not come with the unit
DIMENSION (W X D X H)	1.1" x 2.0" x 0.8" in. 28 x 52 x 21 mm
WEIGHT	0.13 Lbs 60g

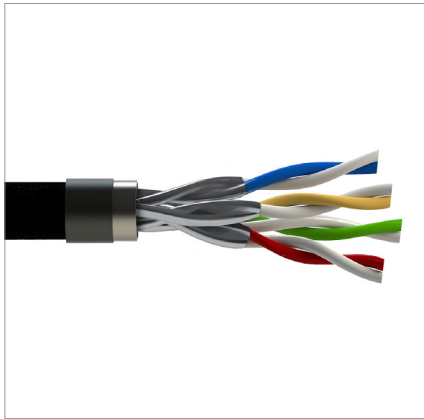


Cables & Accessories

CX Series | EZ Series | PI Series | PS Series

PureLink **cables** and **accessories** are designed to enhance the functionality of complex A/V systems and provide optimal performance when combined with a wide range of PureLink products. Premium, secure-locking HDMI cables, network and fiber optic cable assemblies, along with convenient installer tools and connectors, all featuring proprietary TOTALWIRE™ Technology, provide the perfect fit to ensure reliable, end-to-end connectivity.

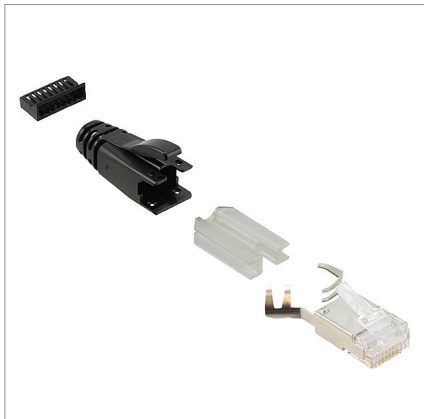
CX Series Certified CATx High Performance Cable



- CAT6A (UTP) cable system
- Shielded connector and 4 shielded twisted pairs (U/FTP)
- Optimized for HDBaseT® installations
- Pre-terminated lengths or bulk reels of 1,000 ft.
- Lifetime Warranty
- LSZH

Item No.	Length	
	ft	m
CX-010	33ft	10m
CX-020	66ft	20m
CX-030	98.4ft	30m
CX-040	131.2ft	40m
CX-050	165ft	50m
CX-070	230ft	70m
CX-100	330ft	100m
CX-1000	1000ft	300m

CX-Connector Certified CATx Connector for CX Cable



- Field installable plug for cable conductors up to 0.048" and overall diameters up to .295"
- Suitable for CAT6a and CAT6 applications delivering 10G Base-T and Gigabit Ethernet
- Low profile design allows for use in high density switches and routers
- Anti-snap boot prevents plug tab damage during installation
- Packaging available for both field installation and factory terminations
- Can be used to terminate both shielded and unshielded cabling

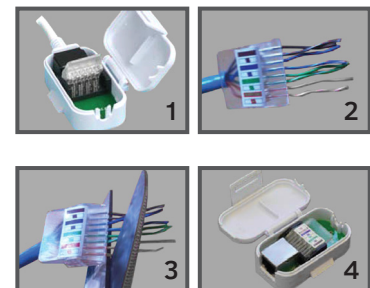
Item No.	Performance	Conductor Diameter	Cable Diameter	Packaging
CX-Connector	CAT6a	.042"-.048" [1.07-1.22]	.270"-.295" [6.86-7.49]	Individually Bagged

HBM-01 Tools-Less CATx/HDBaseT Termination Kit



- Fast, accurate and reliable termination of Gigabit Ethernet cables
- Locate and terminate all 8 wires using easy color codes
- Detachable wiring bridge for ease of use
- Robust snap fit outer casing
- Delivers exceptional performance while streamlining installations

Item No.	Length	
	in	mm
HBM-01	3 in	76.2 mm



EZH Series Certified Integrated HDMI Over Fiber Cable



- Supports all PC and HDTV resolutions up to 4K / Ultra HD
- 3D Support with 36-bit Deep Color
- Pre-terminated lengths up to 100 meters (328 ft.)
- Incorporates active transceivers inside connectors
- Immune from electrical noise (EMI & RFI)
- Plug-n-play (no additional power supply required)
- HDMI 1.4
- Plenum Rated

Item No.	Length	
EZH-010	33ft	10m
EZH-020	66ft	20m
EZH-030	98.4ft	30m
EZH-040	131.2ft	40m
EZH-050	165ft	50m
EZH-070	230ft	70m
EZH-100	330ft	100m

EZH2 Series Certified Integrated HDMI Over Fiber Cable



- Supports all PC and HDTV resolutions up to 4K / Ultra HD
- 3D Support with 36-bit Deep Color
- Pre-terminated lengths up to 100 meters (328 ft.)
- Incorporates active transceivers inside connectors
- Immune from electrical noise (EMI & RFI)
- Plug-n-play (no additional power supply required)
- HDMI 2.0
- Plenum Rated

Item No.	Length	
EZH2-010	33ft	10m
EZH2-020	66ft	20m
EZH2-030	98.4ft	30m
EZH2-040	131.2ft	40m
EZH2-050	165ft	50m
EZH2-070	230ft	70m
EZH2-100	330ft	100m

EZD Series Certified Integrated DVI Over Fiber Cable



- Supports all PC and HDTV resolutions up to 1080p
- Detachable connectors for convenient, no-hassle installation
- Incorporates active transceivers inside connectors
- Plug-n-play (no additional power supply required)
- HDCP compliant
- Plenum rated

Item No.	Length	
EZD-010	33ft	10m
EZD-020	66ft	20m
EZD-030	98.4ft	30m
EZD-040	131.2ft	40m
EZD-050	165ft	50m
EZD-070	230ft	70m
EZD-100	330ft	100m

EZS Tx/Rx EZ-S Optical Cable Assembly for 3G/HD-SDI – Tx/Rx Modules



- Fully integrated passive optical assembly
- Extends up to 1900ft (600M)
- Supports multi-rate SDI, HD-SDI, and 3G-SDI signals
- Video Pathological Test Code compliant
- ST connector for optical in/out

Item No.	Length
EZS-Cable	Custom

FLC2 Multi-Mode 2 LC Fiber Optic Cable with TotalWire Technology



- Pre-terminated 50/125 multimode fiber
- RJ-style push-pull housing
- Terminated with LC connectors
- PVC jacket
- RoHS compliant
- Available in various lengths from 10m (33 ft) to 100m (330 feet)

Item No.	Length	
FLC2-010	33ft	10m
FLC2-020	66ft	20m
FLC2-030	98.4ft	30m
FLC2-040	131.2ft	40m
FLC2-050	165ft	50m
FLC2-070	230ft	70m
FLC2-100	330ft	100m

FLC4 Multi-Mode 4 LC Fiber Optic Cable with TotalWire Technology



- Individually color-coded, 62.5/125 simplex sub cables
- RJ-style push-pull housing
- Terminated with LC connectors
- PVC jacket
- RoHS compliant
- Available in various lengths from 10m (33 ft) to 100m (330 feet)

Item No.	Length	
FLC4-010	33ft	10m
FLC4-020	66ft	20m
FLC4-030	98.4ft	30m
FLC4-040	131.2ft	40m
FLC4-050	165ft	50m
FLC4-070	230ft	70m
FLC4-100	330ft	100m

PI1000 Certified High Speed HDMI Cable with Ethernet



- High Speed HDMI for 3D and Ultra HD/4K (2160p)
- HDMI v. 2.0 compatible
- Triple shielded for superior noise immunity
- SLS™ Locking Technology

Item No.	Length	
PI1000-005	1.65ft	0.5m
PI1000-010	3.3ft	1m
PI1000-015	4.9ft	1.5m
PI1000-020	6.6ft	2m
PI1000-030	10ft	3m
PI1000-050	16.5ft	5m
PI1000-075	24.6ft	7.5m
PI1000-100	33ft	10m
PI1000-150	49.5ft	15m
PI1000-200	66ft	20m
PI1000-250	82ft	25m
PI1000-300	98.4ft	30m

PI1100 Certified High Speed HDMI Extension Cable



- High Speed HDMI for 3D and Ultra HD/4K (2160p)
- HDMI v. 2.0 compatible
- Triple shielded for superior noise immunity
- SLS™ Locking Technology

Item No.	Length	
PI1100-010	3.3ft	1m
PI1100-020	6.6ft	2m
PI1100-030	10ft	3m
PI1100-050	16.5ft	5m

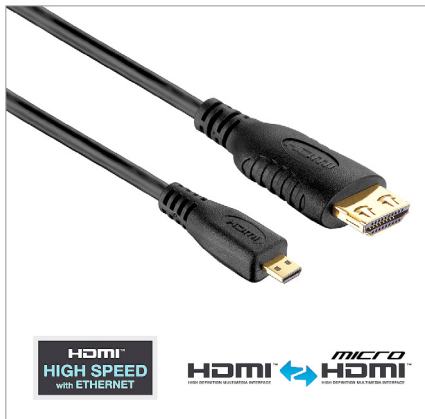
PI1200 Certified High Speed Mini HDMI Cable with Ethernet



- High Speed HDMI for 3D and Ultra HD/4K (2160p)
- HDMI v. 2.0 compatible
- Triple shielded for superior noise immunity
- SLS™ Locking Technology

Item No.	Length	
PI1200-010	3.3ft	1m
PI1200-015	4.9ft	1.5m
PI1200-020	6.6ft	2m
PI1200-030	10ft	3m

PI1300 Certified High Speed Micro HDMI Cable with Ethernet



- High Speed HDMI for 3D and HDTV resolutions up to 4K (2160p)
- Integrated Ethernet channel for 100 MBit network transmission via HDMI
- High-purity OFC tinned copper conductor and 3-way shielding
- Innovative Secure Lock System™ for HDMI connections
- Especially suitable for professional applications as well as mobile devices

Item No.	Length	
PI1300-010	3.3ft	1m
PI1300-015	4.9ft	1.5m
PI1300-020	6.6ft	2m
PI1300-030	10ft	3m

PI2000 Active Certified High Speed HDMI Extension Cable with Ethernet



- High Speed HDMI for 3D and Ultra HD/4K (2160p)
- HDMI v. 2.0 compatible
- Triple shielded for superior noise immunity
- SLS™ Locking Technology
- APO™ technology (Active Performance Optimizer™)

Item No.	Length	
PI2000-150	49.5ft	15m
PI2000-200	66ft	20m
PI2000-250	82ft	25m
PI2000-300	98.4ft	30m
PI2000-350	114.8ft	35m
PI2000-400	131.2ft	40m

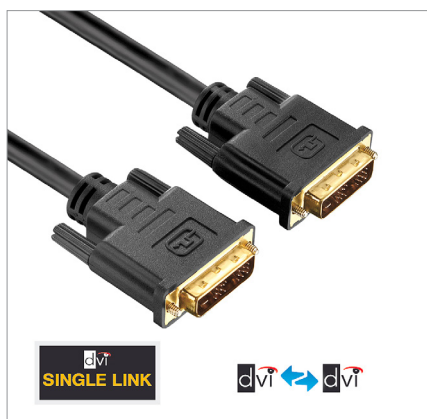
PI3000 Certified High Speed Mini HDMI Cable with Ethernet



- HDMI-A male to DVI-D male (18+1)
- Triple shielded for superior noise immunity
- SLS™ Locking Technology

Item No.	Length	
PI3000-005	1.65ft	0.5m
PI3000-010	3.3ft	1m
PI3000-015	4.9ft	1.5m
PI3000-020	6.6ft	2m
PI3000-030	10ft	3m
PI3000-050	16.5ft	5m
PI3000-075	24.6ft	7.5m
PI3000-100	33ft	10m
PI3000-150	49.5ft	15m

PI4000 Certified DVI Single-Link Cable



- DVI-D male (18+1) to DVI-D male (18+1)
- Supports resolutions up to 1600x1200
- Triple shielded for superior noise immunity

Item No.	Length	
PI4000-005	1.65ft	0.5m
PI4000-010	3.3ft	1m
PI4000-015	4.9ft	1.5m
PI4000-020	6.6ft	2m
PI4000-030	10ft	3m
PI4000-050	16.5ft	5m
PI4000-075	24.6ft	7.5m
PI4000-100	33ft	10m
PI4000-150	49.5ft	15m
PI4000-200	66ft	20m
PI4000-250	82ft	25m
PI4000-300	98.4ft	30m

PI4100 Certified DVI Single-Link Extension Cable



- Single Link DVI-D video resolutions up to WUXGA / FullHD (1920x1200)
- Optimal signal quality - connection by high quality PCB
- Precision fit and gilded Premium Contacts
- High-purity OFC tinned copper conductor and 3-way shielding
- Especially suitable for professional applications and installations

Item No.	Length	
PI4100-010	3.3ft	1m
PI4100-020	6.6ft	2m
PI4100-030	10ft	3m
PI4100-050	16.5ft	5m

PI4200 Certified DVI Dual-Link Cable



- Dual Link DVI-D connection for video resolutions up to QXGA (2560x1600)
- Optimal signal quality - connection by high quality PCB
- Precision fit and gilded Premium Contacts
- High-purity OFC tinned copper conductor and 3-fold shielding
- Especially suitable for professional applications and installations

Item No.	Length	
PI4200-005	1.65ft	0.5m
PI4200-010	3.3ft	1m
PI4200-015	4.9ft	1.5m
PI4200-020	6.6ft	2m
PI4200-030	10ft	3m
PI4200-050	16.5ft	5m
PI4200-075	24.6ft	7.5m
PI4200-100	33ft	10m
PI4200-150	49.5ft	15m
PI4200-200	66ft	20m
PI4200-250	82ft	25m
PI4200-300	98.4ft	30m

PI4300 Certified DVI Dual-Link Extension Cable



- Dual Link DVI-D video resolutions up to QXGA / FullHD (2560x1600)
- Optimal signal quality - connection by high quality PCB
- Precision fit and gilded Premium Contacts
- High-purity OFC tinned copper conductor and 3-fold shielding
- Especially suitable for professional applications and installations

Item No.	Length	
PI4300-010	3.3ft	1m
PI4300-020	6.6ft	2m
PI4300-030	10ft	3m
PI4300-050	16.5ft	5m

PI5000 Certified DisplayPort Cable



- DisplayPort connection for video resolutions up to 4K / UltraHD @ 60Hz
- Full audio support including. DTS-HD™ and Dolby TrueHD™
- Optimal signal quality - connection by high quality PCB
- High-purity OFC tinned copper conductor and 3-way shielding
- Especially suitable for professional applications and installations

Item No.	Length	
PI5000-010	3.3ft	1m
PI5000-015	4.9ft	1.5m
PI5000-020	6.6ft	2m
PI5000-030	10ft	3m

PI5100 Certified DisplayPort to HDMI Cable



- DisplayPort to HDMI signal for HDTV resolutions up to 1920x1200 (WUXGA)
- High-purity OFC tinned copper conductor and 3-way shielding
- Innovative Secure Lock System™ for HDMI connections
- Optimal signal quality - connection by high quality PCB
- Especially suitable for professional applications and installations

Item No.	Length	
PI5100-010	3.3ft	1m
PI5100-015	4.9ft	1.5m
PI5100-020	6.6ft	2m
PI5100-030	10ft	3m

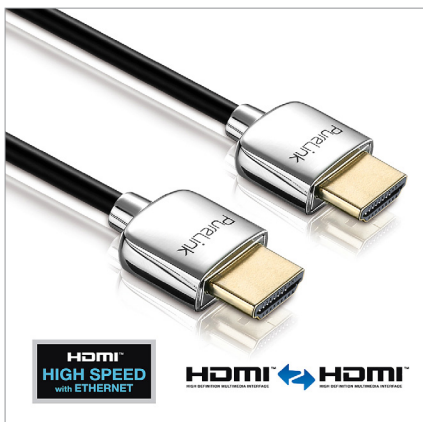
PI5200 Certified DisplayPort to DVI Cable



- DisplayPort to DVI-D signal for HDTV resolutions up to 1920x1200 (WUXGA)
- High-purity OFC tinned copper conductor and 3-way shielding
- Optimal signal quality - connection by high quality PCB
- Precision fit and gilded Premium Contacts
- Especially suitable for professional applications and installations

Item No.	Length	
PI5200-010	3.3ft	1m
PI5200-015	4.9ft	1.5m
PI5200-020	6.6ft	2m
PI5200-030	10ft	3m

PS1500 SuperThin High Speed HDMI Cable with Ethernet



- High Speed HDMI for 3D and Ultra HD/4K (2160p)
- Integrated Ethernet channel for 100 Mbps transmission over HDMI
- Gold plated connectors for optimal transmission quality and durability
- High-purity OFC copper and 3-fold shielding

Item No.	Length	
PS1500-010	3.3ft	1m
PS1500-015	4.9ft	1.5m
PS1500-020	6.6ft	2m
PS1500-030	10ft	3m

PS1700 SuperThin High Speed HDMI Cable with Ethernet



- High Speed HDMI for 3D and Ultra HD/4K (2160p)
- Integrated Ethernet channel for 100 Mbps transmission over HDMI
- Gold plated connectors for optimal transmission quality and durability
- High-purity OFC copper and 3-fold shielding

Item No.	Length	
PS1700-01	3.3ft	1m
PS1700-015	4.9ft	1.5m
PS1700-02	6.6ft	2m
PS1700-03	10ft	3m
PS1700-05	16.5ft	5m

PS1720 SuperThin High Speed Mini HDMI Cable with Ethernet



- High Speed Mini HDMI with Ethernet for resolutions up to 4K (2160p)
- Lean “Super Thin” design: only 3.6 mm cable diameter
- Extremely small bending radius for hard to reach places: 30-35mm
- High-purity, silver plated OFC copper conductor and 3-fold shielding
- Especially suitable for professional applications as well as mobile devices

Item No.	Length	
PS1720-015	4.9ft	1.5m
PS1720-03	10ft	3m

PS1740 SuperThin High Speed Micro HDMI Cable with Ethernet



- High Speed HDMI for 3D and HDTV resolutions up to 4K(2160p)
- Integrated Ethernet channel for 100 Mbit transmission via HDMI
- High-purity OFC tinned copper conductor and 3-fold shielding
- Perfect for smartphones, tablets, mobile devices with micro HDMI port
- Especially suitable for professional applications as well as mobile devices

Item No.	Length	
PS1740-015	4.9ft	1.5m
PS1740-03	10ft	3m

PS2000 Certified High Speed HDMI with Ethernet (Active, APO™)



- High Speed HDMI for 3D and HDTV resolutions up to 4K(2160p)
- Integrated Ethernet channel for 100 Mbit transmission via HDMI
- High-purity silver-plated OFC copper conductor and 3-fold shielding
- APO™ technology (Active Performance Optimizer™)
- Gold plated connectors for optimal transmission quality and corrosion protection

Item No.	Length	
PS2000-05	16.5ft	5m
PS2000-075	24.6ft	7.5m
PS2000-10	33ft	10m
PS2000-125	41.0ft	12.5m

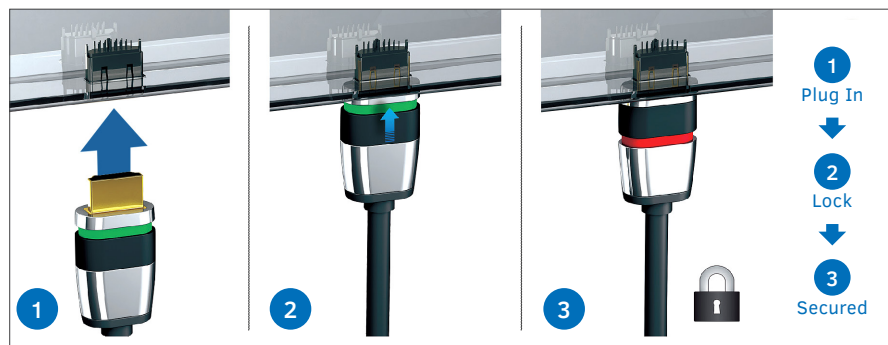
ULS1000 Certified High Speed HDMI Cable with Security Lock



- High-speed with Ethernet
- HDMI 2.0 for 3D and Ultra HD/4K support
- Innovative ULS™ (Ultra Lock System) technology
- High-purity OFC copper wire, 3-fold shielding
- APO Technology (Active Performance Optimizer)
*for 5m, 7.5m, and 10m lengths only

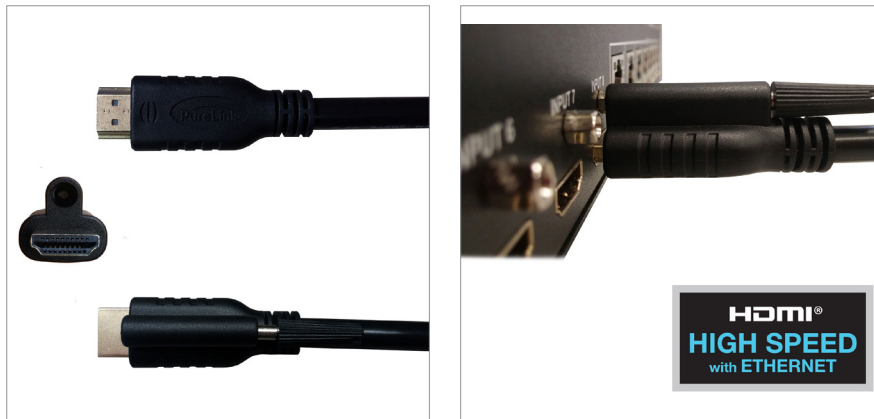
Item No.	Length	
ULS1000-005	1.65ft	0.5m
ULS1000-010	3.3ft	1m
ULS1000-015	4.9ft	1.5m
ULS1000-020	6.6ft	2m
ULS1000-030	10ft	3m
ULS1000-050 (w/ APO™)	16.5ft	5m
ULS1000-075 (w/ APO™)	24.6ft	7.5m
ULS1000-100 (w/ APO™)	33ft	10m

ULTRA-LOCK SYSTEM THE SAFEST LOCKING SYSTEM FOR HDMI



As more and more devices are designed with awkwardly positioned HDMI sockets, any accidental movement or pulling weight of the cable can easily disengage the connector, contributing to partial or even complete signal loss. The Ultra-Lock System (ULS™) features a patented locking mechanism that extends and holds the connector in place. The universal 360 ° locking switch is fully compatible with existing HDMI receptacles and allows easy on/off locking positions with color indicators.

PLH Series Locking Screw HDMI Cables with TotalWire Technology



- Secure Locking Connectors
- HDMI v. 2.0b
- Supports Resolutions up to 4K@50/60 (2160p)
- Dynamic Synchronization of Video and Audio Streams
- High Speed with Ethernet channel
- Multi-Layer Shielding

Technical Specifications

INPUT TYPE	Male HDMI Connector with locking screw
OUTPUT TYPE	Male HDMI Connector with locking screw
AVAILABLE LENGTHS	Model PLH-010 = ~3.3ft (1m) Model PLH-020 = ~6.6ft (2m) Model PLH-030 = ~10ft (3m) Model PLH-050 = ~16.5ft (5m)
VIDEO STANDARDS	4K@50/60 (2160p) at 4:4:4 color format
AUDIO STANDARDS	Dynamic synchronization of video and audio streams Up to 32 audio channels for a multi-dimensional immersive audio
BANDWIDTH	18 Gbps
HDMI STANDARDS	HDMI 2.0b
SUPPORT	HDCP2.2 , HDR, CEC, ARC

- Simultaneous delivery of dual video streams to multiple users on the same screen
- Simultaneous delivery of multi-stream audio to multiple users
- Support for the wide angle theatrical 21:9 video aspect ratio
- Ethernet

Item No.	Length	
PLH-010	3.3ft	1m
PLH-020	6.6ft	2m
PLH-030	10ft	3m
PLH-050	16.5ft	5m

PI010

DVI-D Male to HDMI-A Female Adapter

- Certified High Speed



PI015

HDMI-A Male to DVI-D Female Adapter

- SLS™ Technology
- Certified High Speed



PI020

HDMI-A Female to HDMI-A Female Gender Changer

- Certified High Speed



PI030

HDMI-A Male to HDMI-A Female Port Saver Adapter

- Certified High Speed w/ Ethernet



PI035

HDMI-A Male to HDMI-A Female Right-Angle Adapter

- 90° Tilted
- SLS™ Technology
- Certified High Speed w/ Ethernet



PI040

HDMI-A Male to HDMI-A Female 270° Adapter

- 270° Tilted
- SLS™ Technology
- Certified High Speed w/ Ethernet



PI045

HDMI-A Female to DVI-D Female Adapter

- Certified High Speed



PI050

HDMI-A Male to Mini HDMI-C Female Adapter

- SLS™ Technology
- Certified High Speed w/ Ethernet



PI055

HDMI-A Male to Mini HDMI-C Female Adapter



- SLS™ Technology
- Certified High Speed w/ Ethernet

PI060

HDMI-A Male to DVI-D Female Port Saver Adapter



- SLS™ Technology
- Certified High Speed

PI065

DVI-D Male (18+1) to HDMI-A Female Port Saver Adapter



- Certified High Speed

PI070

DVI-D Male (18+1) to DVI-D Female (24+1) Port Saver Adapter



- Certified High Speed

PI075

HDMI-A Male to HDMI-A Female Power Adapter



- 6V 1A Power Adapter
- Ideal for long distance HDMI connections and active cables
- SLS™ Technology
- Certified High Speed
- w/ Ethernet

PI080

Micro HDMI-D Male to HDMI-A Female Adapter



- SLS™ Technology
- Certified High Speed w/ Ethernet

PI085

HDMI-A Male to Micro HDMI-D Female Adapter



- SLS™ Technology
- Certified High Speed w/ Ethernet

PI090

HDMI-A Female to HDMI-A Female Adapter



- Certified High Speed

PI100

HDMI-A Female wall socket 1 port



- Certified High Speed w/ Ethernet
- Space-saving, clean and simple transmission of HDMI signals
- Concealed installation instead of disturbing cable

PI105

HDMI-A Female wall socket 2 ports



- Certified High Speed w/ Ethernet
- Space-saving, clean and simple transmission of HDMI signals
- Concealed installation instead of disturbing cable

PI150

DisplayPort to HDMI Adapter



- DisplayPort to HDMI Adapter for resolutions up to WUXGA (1920x1200)
- Precision fit and gilded Premium Contacts
- Compact size
- Especially suitable for professional applications and installations

PI155

DisplayPort to HDMI Port Saver Adapter



- DisplayPort to HDMI Adapter for resolutions up to WUXGA (1920x1200)
- Precision fit and gilded Premium Contacts
- Port Saver for relieving DisplayPort sockets and larger bend radius

PI160

DisplayPort to DVI Adapter



- DisplayPort to DVI Adapter for resolutions up to WUXGA (1920x1200)
- Precision fit and gilded Premium Contacts
- Compact size

PI170

DisplayPort to DVI Adapter Port Saver



- DisplayPort to DVI Adapter for resolutions up to WUXGA (1920x1200)
- Precision fit and gilded Premium Contacts
- Port Saver for relief of DVI connectors and larger bend radius



Digital Signage Solutions

PureStream content playback and management solutions offer a fully-integrated network media solution for a variety of digital signage applications including retail, hospitality, and public transportation. PureStream provides a total signage solution with high-performance media playback devices and intuitive software to help manage, create, and deliver dynamic content with maximum efficiency.



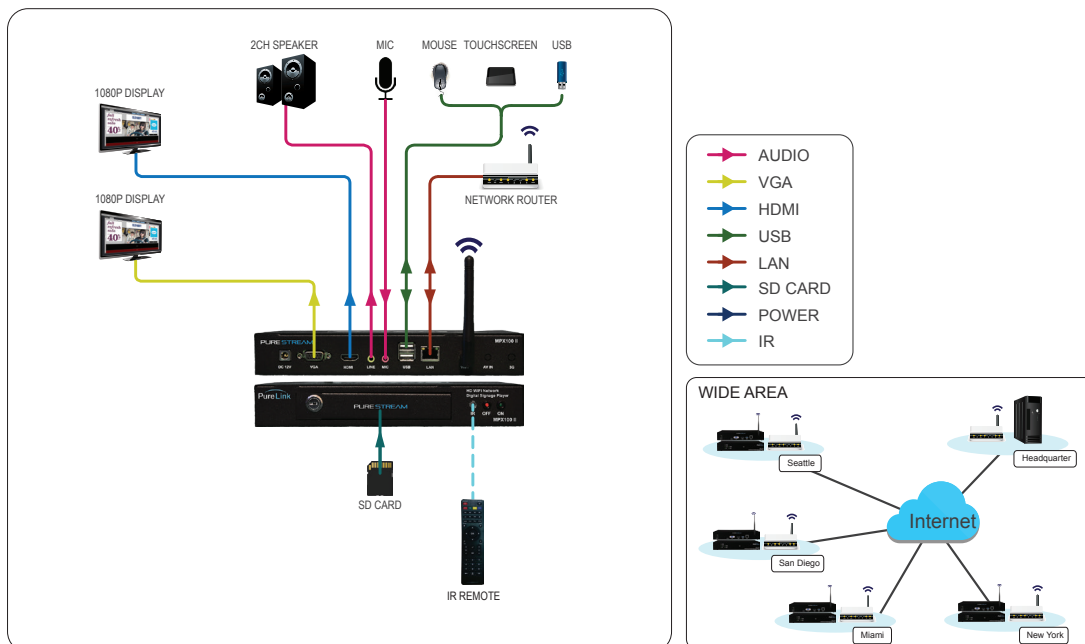
The MPX100 II high definition media player offers powerful features including a 1.6 GHz Quad-core processor, built-in WiFi, advanced decoding capabilities, and securable content storage. Together with the MPX Management Software Suite, the MPX 100 II provides a complete digital signage solution for applications such as retail, restaurants, hotel lobbies, airport information, public transportation, and more.

Key Features

- Supports landscape and portrait displays up to 1080p (Full HD)
- Supports a wide range of media formats - the most in its class
- Touchscreen and mouse support for interactive content designs
- Solid state hardware - Android OS
- 1.6 Ghz Quad-core processor
- WiFi and Ethernet support
- HDMI, VGA, and stereo audio outputs
- Includes 16GB SD card (supports up to 128GB SD)
- Front panel key-lock for securable content storage
- Multi-zone display
- Non PC-based, plug-and-play

Hardware Specification

PLATFORM	Non-PC based , RISC or Embedded based platform, Android 4.4
VIDEO OUTPUT	HDMI (1080P), VGA (720P)
AUDIO OUTPUT	RCA L / R jack, SPDIF digital audio jack
STORAGE	Default 16G SD card (Maximum up to 128G)
PROCESSOR	ARM Cortex-A9, Quad-core 1.6G DDR-3, 1G
MEMORY	8G EMMC NAND
NAND	10/100 Mbps Fast Ethernet
NETWORK	Built-in Wi-Fi 802.11b/g,
AV INPUT	3G is optional
USB	USB 2.0





The PureStream MPX-50 offers a simple and effective solution for media playback without the need for programming or software management. This plug-and-play device plays media files from USB or SD card storage, allowing users to load images, videos, and audio content onto a USB or SD memory device drive and connect it directly to the box. With its compact, rugged design and reliable performance, the MPX50 provides a trouble-free and cost-effective system.

Key Features

- Compact media player connects to HD displays to provide dynamic digital signage presentations
- Can be used as an audio source for waiting rooms, on-hold music, and more
- Plug-and-Play - load photos, videos, and audio onto a USB device or SD card
- Supports resolutions up to 1080p with HDMI and VGA output
- Remote control provides effortless navigation
- Customizable presentations:
 - Duration of each slide: 1, 3, 5 & 10 seconds
 - Transitions in-between: Persian Blinds Vertical, Persian Blinds Horizontal, Mosaic & Random

Hardware Specification

PLATFORM	Non-PC based , RISC Embedded based platform
VIDEO OUTPUT	HDMI (1080P), VGA (1080P)
AUDIO OUTPUT	RCA L / R jack with composite video
STORAGE	SD card, USB drive
VIDEO	.MOV, .AVI, .P4, .M4V, .WMV7, .MKV, .RM, .RMVB, .MP1, .MP2, .VOB, .AVI, .TS/TP, .PMP, .FLV (1920X1080)
AUDIO	.MP3, .WMA, .AFE, .FLAC, .OGG, .APE, .AAC, .AC3, .DTS
IMAGE	.JPEG, .BMP, .GIF, .PNG
OPERATING	0~70°C Humidity: 10%~85%
STORAGE	-20°C~80°C Humidity: 5%~90%
MTBF	100,000 hours
POWER INPUT	5VDC 1.5A power adapter, 100-240 VAC autosensing
POWER CONSUMPTION	Approx. 12W

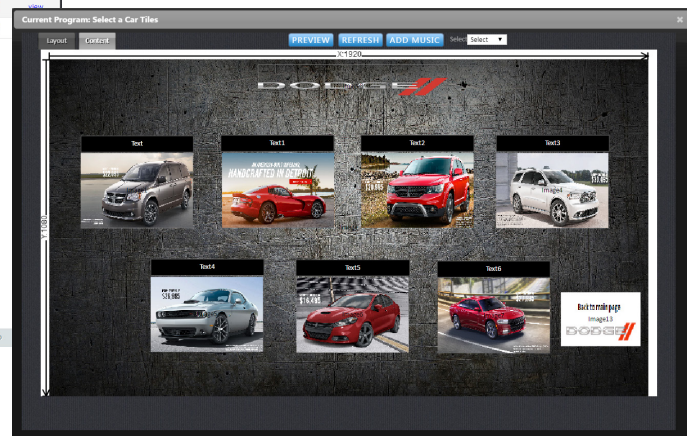
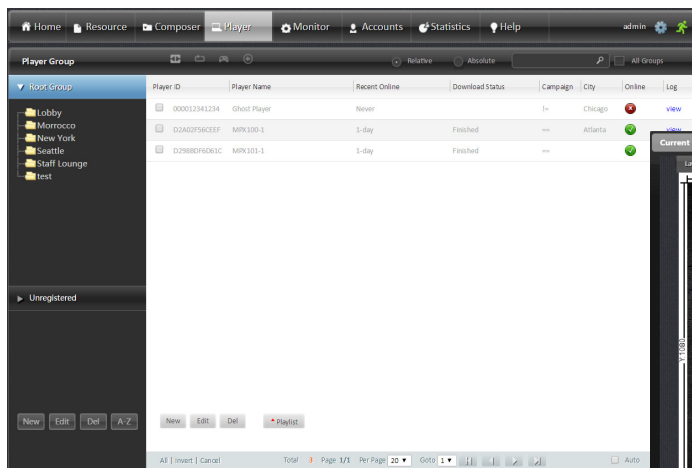
The MPX Enterprise Software application is a simple and intuitive web-based interface for playlist scheduling and dynamic content creation. Combined with the high reliability of PureLink's MPX media players, the MPX Enterprise Software offers an effective and easy way to manage, monitor, and design digital signage messaging.

Key Features

- Included with the MPX100 Media Player
- Highest number of zone / containers available on market
- Easy to use, pre-loaded templates
- Extensive controls for user roles, permissions, and accounts
- Server based software with remote access to GUI
- Flexible playlist scheduling of multiple campaigns / programs
- Supports a wide variety of graphic types and interactive content for touchscreen / mouse
- Content design & preview (videos, animations, tickers, news feeds, live clocks, and weather)
- Allows scheduled or instant screen grabs of remote players for content confirmation
- Support from one to 1,000 + players
- Monitor multiple media players in real time
- Retrieve comprehensive system logs and reports

Technical Specifications

MEDIA SUPPORT	Video/Audio/Picture/Scrolling text/Webpage/Weather/Date/Clock/Weather/Tag etc.
VIDEO FORMAT	MOV, AVI, MP4, DVD, ASF, WMV, MKV, RM, RMVB, TS, DAT, MPG, MPEG, VOB
AUDIO FORMAT	MP3, WMA, WMA Pro, AAC, MPEG1/2 Layer ½, ADPCM, OGG Vorbis, Dolby Digital AC3, Dolby Digital Plus, RA-COOK, FLAC
PICTURE FORMAT	JPEG, BMP, GIF, PNG, TIFF
SCROLLING MESSAGE (TICKER)	Support with adjustable font, speed, size, color, and rolling mode.
DISPLAY RESOLUTION	1080P Full H.D.
PORTRAIT MODE	Support
BACKGROUND PICTURE	Support
MULTIPLE ZONES	Support multiple zones on screen
DISPLAY	





Video over IP Solutions

PureStream™ VIP Series IP Video Distribution Solutions enable the easy setup and configuration of traditional A/V over TCP/IP local and wide area networks. The VIP Series combines proven hardware components with a server-based control software application to provide a simple and intuitive user experience.

The **VIP-NET 1G Series** of A/V over IP network switches provides flexible CAT and Fiber connectivity based on a new generation of PureStream IP Video solutions. Along with IGMP snooping, Jumbo Frame, VLAN, and L2+ management, the 1G Series allows multiple units to be interconnected using the optional 10G slot card to create A/V matrix systems. Designed to work reliably with PureLink's various VIP transmitter (encoders) and receivers (decoders), the VIP-NET 1G Series is purpose-built to enhance performance and simplify the management of IP video matrix switching systems.

Key Features

- Purpose-built for high reliability and performance
- Various port types and flexible port expansion
- 24 or 48 port CAT or Fiber models
- Support for L2+ management, QoS with ARP learning, DHCP snooping, VLAN, IGMP, and Jumbo Frames
- Wirespeed replication of multicast packets
- SNMP, RMON, Web NMS, and Telnet
- Optional 10G sub-cards for linking multiple switches together

NEW **VIP-NET-0448-1G** Gigabit Network Switch – 48 Port 1000Base-X SFP, 4 Port 1000Base-T w/10 Sub-cards (optional)



The **VIP-NET-0448-1G** is a Gigabit network switch with (48) 1000Base-X SFP fiber and (4) 1000Base-T ports designed for use with PureStream IP Video solutions to provide simple and flexible network management. The VIP-NET-4804-1G combines many important features for reliable A/V over IP distribution including, such as IGMP, Jumbo Frame, VLAN, as well as the ability to link multiple switches.

Technical Specifications

FIXED PORT	48x1000 Base-X SFP ports, 4x10/100/1000 Base-T combo ports 1xConsole port
EXTENDED SLOT	2x10G extended slot (Rear panel)
10G SUBCARD	1x10G SFP+ subcard, 2x10G SFP+ subcard
SWITCHING CAPACITY	280Gbps
PACKET FORWARDING CAPACITY	131Mpps
POWER CONSUMPTION	<60W
INPUT VOLTAGE	AC:110 ~ 240V / 50 ~ 60Hz
DIMENSIONS	17.32(L)x11.22(W)x1.75(H) in. 440(L)x285(W)x44.5(H)mm
WEIGHT	<8.81Lbs. <4Kg



VIP-NET-0824-1G

Gigabit Network Switch – 24 Port 1000Base-X SFP, 8 Port 1000Base-T Port w/10G Sub-cards (optional)



The **VIP-NET-0824-1G** is a Gigabit network switch with (24) 1000Base-X SFP fiber and (8) 1000Base-T ports designed for use with PureStream IP Video solutions to provide simple and flexible network management. The VIP-NET-0824-1G combines many important features for reliable A/V over IP distribution including, such as IGMP, Jumbo Frame, VLAN, as well as the ability to link multiple switches.

Technical Specifications

FIXED PORT	24x1000 Base-X SFP ports, 8x10/100/1000 Base-T combo ports 1xConsole port
EXTENDED SLOT	2x10G extended slot (Rear panel)
10G SUBCARD	1x10G SFP+ subcard, 2x10G SFP+ subcard
SWITCHING CAPACITY	240Gbps
PACKET FORWARDING CAPACITY	96Mpps
POWER CONSUMPTION	<60W
INPUT VOLTAGE	AC:110 ~ 240V / 50 ~ 60Hz
DIMENSIONS	17.32(L)x11.22(W)x1.75(H) in. 440(L)x285(W)x44.5(H)mm
WEIGHT	<8.81Lbs. <4Kg



VIP-NET-2404-1G

Gigabit Network Switch – 24 Port 1000Base-T, 4 Port 1000Base-X SFP w/10G Sub-cards (optional)



The **VIP-NET-2404-1G** is a Gigabit network switch with (24) 1000Base-T and (4) 1000Base-X SFP fiber ports designed for use with PureStream IP Video solutions to provide simple and flexible network management. The VIP-NET-2404-1G combines many important features for reliable A/V over IP distribution including, such as IGMP, Jumbo Frame, VLAN, as well as the ability to link multiple switches.

Technical Specifications

FIXED PORT	24x10/100/1000 Base-T ports, 4x1000 Base-X SFP combo ports 1xConsole port
EXTENDED SLOT	2x10G extended slot (Rear panel)
10G SUBCARD	1x10G SFP+ subcard, 2x10G SFP+ subcard
SWITCHING CAPACITY	240Gbps
PACKET FORWARDING CAPACITY	96Mpps
POWER CONSUMPTION	<60W
INPUT VOLTAGE	AC:110 ~ 240V / 50 ~ 60Hz
DIMENSIONS	17.32(L)x11.22(W)x1.75(H) in. 440(L)x285(W)x44.5(H)mm
WEIGHT	<8.81Lbs. <4Kg



The **VIP-NET-4804-1G** is a Gigabit network switch with (48) 1000Base-T and (4) 1000Base-X SFP fiber ports designed for use with PureStream IP Video solutions to provide simple and flexible network management. The VIP-NET-4804-1G combines many important features for reliable A/V over IP distribution including, such as IGMP, Jumbo Frame, VLAN, as well as the ability to link multiple switches.

Technical Specifications

FIXED PORT	48x10/100/1000 Base-T ports, 4x1000 Base-X SFP combo ports 1xConsole port
EXTENDED SLOT	2x10G extended slot (Rear panel)
10G SUBCARD	1x10G SFP+ subcard, 2x10G SFP+ subcard
SWITCHING CAPACITY	280Gbps
PACKET FORWARDING CAPACITY	131Mpps
POWER CONSUMPTION	<60W
INPUT VOLTAGE	AC:110 ~ 240V / 50 ~ 60Hz
DIMENSIONS	17.32(L)×11.22(W)×1.75(H) in. 440(L)×285(W)×44.5(H)mm
WEIGHT	<8.81Lbs. <4Kg



The **VIP-NET 10G Series** of A/V over IP network switches provides flexible CAT and Fiber connectivity based on a new generation of PureStream IP Video solutions. Along with IGMP snooping, Jumbo Frame, VLAN, and L2+ management, the 10G Series allows multiple units to be interconnected using the optional 10G slot card to create A/V matrix systems. The VIP-NET Series 10G switches are purpose-built to provide effective 10G connections to 10G-capable servers and NAS (Network Attached Storage) systems), working reliably with PureLink's various VIP transmitter (encoders) and receivers (decoders).

Key Features

- Purpose designed switches for high reliability and performance AV over IP systems
- Various port types and flexible port expansion
- 15 x 10G SFP+ ports, 8 1000BaseT CAT ports
- L3 management, QoS with ARP learning, DHCP snooping, VLAN, IGMP, Jumbo Frame and more
- Wirespeed replication of multicast packets
- SNMP, RMON, Web NMS, and Telnet
- Dual redundant, swappable power supplies



VIP-NET-0815-10G

10G Network Switch – 8 Port 1000Base-T Ports,
15 Port 10G SFP+ w/Dual Redundant Power (optional)



The **VIP-NET-0815-10G** is a 10-Gigabit network switch with (8) 1000Base-T and (15) dedicated 1000Base-X SFP+ fiber ports designed for use with PureStream IP Video solutions to provide simple and flexible network management. The VIP-NET-0815-10G combines many important features for reliable A/V over IP distribution including, such as IGMP, Jumbo Frame, VLAN, as well as the ability to link multiple switches.

Technical Specifications

FIXED PORT	15xGE SFP/10 GE SFP+ ports 4x10/100/1000 Base-T ports 1xConsole port 1xManagement port
SWITCHING CAPACITY	320Gbps
PACKET FORWARDING CAPACITY	238Mpps
POWER CONSUMPTION	<100W
INPUT VOLTAGE	AC:110 ~ 240V / 50 ~ 60Hz
DIMENSIONS	17.48(L)× 16.73(W) × 1.75(H) in. 444(L)×425(W)×44.5(H)mm
WEIGHT	<17.63Lbs. <8Kg



VIP-NET-1203-10G

10G Network Switch – 12 Port 10GE, 3 Port 10G SFP+, 8 Port 1000Base-T w/Dual Redundant Power (Optional)



The **VIP-NET-1203-10G** is a 10-Gigabit network switch with (12) 10GE, (8) 1000Base-T and (3) dedicated 1000Base-X SFP+ fiber ports designed for use with PureStream IP Video solutions to provide simple and flexible network management. The VIP-NET-1203-10G combines many important features for reliable A/V over IP distribution including, such as IGMP, Jumbo Frame, VLAN, as well as the ability to link multiple switches.

Technical Specifications

FIXED PORT	12x10GE T-ports, 3x10GE SFP+ ports, 8x10/100/1000 Base-T ports, 1xConsole port, 1xManagement port
SWITCHING CAPACITY	320Gbps
PACKET FORWARDING CAPACITY	238Mpps
POWER CONSUMPTION	<100W
INPUT VOLTAGE	AC:110 ~ 240V / 50 ~ 60Hz
DIMENSIONS	17.48(L)× 16.73(W) × 1.75(H) in. 444(L)×425(W)×44.5(H)mm
WEIGHT	<17.63Lbs. <8Kg



The VIP-100 II HDMI over IP distribution system provides video, audio, RS-232, and IR extension, distribution and matrix switching capabilities. Transmitter (encoder) and receiver (decoder) modules can be connected together for point-to-point extension over distances up to 394 ft. (120 m), as well as a point-to-many, many to point, and matrix connections providing up to a 64x190 matrix switching system, or even a 64 x 65K system based on Class B networks.

Key Features

- Support resolutions up to Full HD/1080p
- LED channel display
- Front panel channel plus/minus buttons
- IR remote control for familiar channel selection
- PoE (Power over Ethernet) - power encoders/decoders from 802.3af PoE network switches
- RS232 & IR extension/distribution
- HDMI Loop out on Transmitter
- HDCP compliant
- Point-to-point or matrix system:
 - Up to 64 x 190 matrix (hardware) on Class C networks
 - Up to 64 x 65K on Class B networks



Technical Specifications

HARDWARE

AUDIO	HDMI w/embedded audio
CABLING	Cat 5 UTP or better
INPUT SIGNAL TYPES	(Tx) HDMI v1.3, RS232 (Rx) RJ-45, H.264 UDP Multicast, RS232, IR
OUTPUT SIGNAL TYPES	(Tx) RJ-45, H.264 UDP Multicast, RS232 (Rx) HDMI v1.3, RS232, IR

PERFORMANCE

SUPPORTED DISTANCE	120 m / 390 ft.
DATA TRANSFER RATE	15Mbps (typical)
SUPPORTED RESOLUTIONS	Up to 1080p / 1920x1080
HDCP COMPLIANCE	1.3
RS-232	2400-115K baud, user-settable
IR EXTENSION	Rx to Tx (38-56 KHz)

CONNECTOR(S)

CONNECTOR TYPES (TX)	2 - HDMI (19 pin) Female 1 - RJ-45 Female (LAN) 1 - Phoenix 3pin (RS232) 1 - 1/8" Female (IR)
CONNECTOR TYPES (RX)	1 - HDMI (19 pin) Female 1 - RJ-45 Female (LAN) 1 - Phoenix 3 pin (RS232) 1 - 1/8" Female (IR)

POWER

INPUT POWER REQUIREMENTS	5 VDC, 600mA typical
POWER ADAPTER	120-240 VAC to 5 VDC, 1A
POE (POWER OVER ETHERNET)	802.3af

DIMENSIONS & WEIGHT

ENCLOSURE TYPE	All metal, black powder coat finish
DIMENSIONS	1.1" x 4.7" x 3.1 in
WEIGHTWEIGHT	(29 mm x 120 mm x 79 mm) 0.61 lbs [280 g]

The **VIP200** IP Video Distribution System enables the easy setup and configuration of HD video, audio, and USB (KVM) signals over IP networks using PureLink's proprietary PureStreamX codec. Transmitter (encoder) and receiver (decoder) modules can extend signals up to 590 ft. (180m), point-to-point or to/from a network switch. Together with the revolutionary VPX IP Video Management software, the VIP-200 offers multi-format hardware options and an intuitive web based UI application to deliver a powerful and easy to install IP Video distribution system.

Key Features

- Ultra-low latency
- High Quality PureStreamX codec
- USB 2.0 (KVM)
- RS232 and IR
- Handheld remote control for 'channel' like switching
- VPX IP Video Management Software with browser interface
- HDCP compliance
- HDMI, DVI, and VGA transmitters and receivers
- Four products in one:
 - Point to Point : 590ft KVM extender
 - Distribution : One TX to 154+ RX
 - Switching : up to 100 TX to One RX
 - Matrix : up to 100 TX to 154+ RX

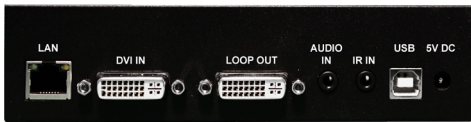


VIP-200H Tx HDMI & USB/KVM over IP Extender Transmitter



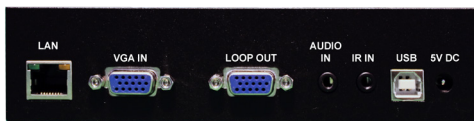
Technical Specifications

SUPPORT RESOLUTIONS	Up to 1080p@60Hz and WUXGA
SUPPORTED DISTANCE	Using CAT 5e - 492 ft. (150 m) Using CAT 6 - 590 ft. (180 m)
CONNECTOR TYPES	1 x USB Type B 1 x RS232(DB9 Female) 1 x HDMI Type A(Input) 1 x HDMI Type A(Loop Output) 1 x RJ45
AUDIO CONNECTOR	2 x 3.5mm Phone Jack (10KΩ / 1Vpp)
IR RECEIVER (INTERNAL)	30-60Khz / ±45° / 5M
IR RECEIVER (EXTERNAL)	3.5mm Stereo Phone Jack
POWER SUPPLY	DC 5V 2A
POWER CONSUMPTION	3.7 W (Typical) / 5 W (Max)
DIMENSIONS	4.92 x 5.51 x 1.18 in. 125 x 140 x 30 mm
WEIGHT	0.84 lbs (380g)



Technical Specifications

SUPPORT RESOLUTIONS	Up to 1080p@60Hz and WUXGA
SUPPORTED DISTANCE	Using CAT 5e - 492 ft. (150 m) Using CAT 6 - 590 ft. (180 m)
CONNECTOR TYPES	1 x USB Type B 1 x RS232(DB9 Female) 1 x DVI-I (Input) 1 x DVI-I (Loop Output) RJ45 x 1
AUDIO CONNECTOR	3.5mm Phone Jack x 2 (10KΩ / 1Vpp)
IR RECEIVER (INTERNAL)	30-60Khz / ±45° / 5M
IR RECEIVER (EXTERNAL)	3.5mm Stereo Phone Jack
POWER SUPPLY	DC 5V 2A
POWER CONSUMPTION	750mA (Typical) / 1000mA (Max)
DIMENSIONS	6.57 x 4.15 x 1.57 in. 167 x 105.5 x 40 mm
WEIGHT	1.04 lbs (470g)



Technical Specifications

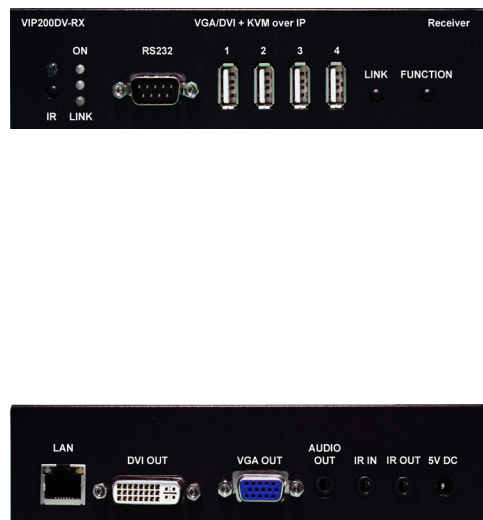
SUPPORT RESOLUTIONS	Up to 1080p@60Hz and WUXGA
SUPPORTED DISTANCE	Using CAT 5e - 492 ft. (150 m) Using CAT 6 - 590 ft. (180 m)
CONNECTOR TYPES	1 x USB Type B 1 x RS232(DB9 Female) 1 x 15-pin Mini D-sub(Input) 1 x 15-pin Mini D-sub(Loop Output)
AUDIO CONNECTOR	3.5mm Phone Jack x 2 (10KΩ / 1Vpp)
IR RECEIVER (INTERNAL)	30-60Khz / ±45° / 5M
IR RECEIVER (EXTERNAL)	3.5mm Stereo Phone Jack
POWER SUPPLY	DC 5V 2A
POWER CONSUMPTION	750mA (Typical) / 1000mA (Max)
DIMENSIONS	6.57 x 4.15 x 1.57 in. 167 x 105.5 x 40 mm
WEIGHT	1.01 lbs (460g)



Technical Specifications

SUPPORT RESOLUTIONS	Up to 1080p@60Hz and WUXGA
SUPPORTED DISTANCE	Using CAT 5e - 492 ft. (150 m) Using CAT 6 - 590 ft. (180 m)
CONNECTOR TYPES	4 x USB Type A 1 x RS232(DB9 Male) 1 x HDMI Type A 1 x RJ45
AUDIO CONNECTOR	3.5mm Phone Jack x 2 (10KΩ / 1Vpp)
IR RECEIVER (INTERNAL)	30-60Khz / ±45° / 5M
IR RECEIVER (EXTERNAL)	3.5mm Stereo Phone Jack
POWER SUPPLY	DC 5V 2A
POWER CONSUMPTION	750mA (Typical) / 1000mA (Max)
DIMENSIONS	6.57 x 4.15 x 1.57 in. 167 x 105.5 x 40 mm
WEIGHT	1.04 lbs (470g)

NEW VIP-200DV Rx DVI/VGA & USB/KVM over IP Extender Receiver



Technical Specifications

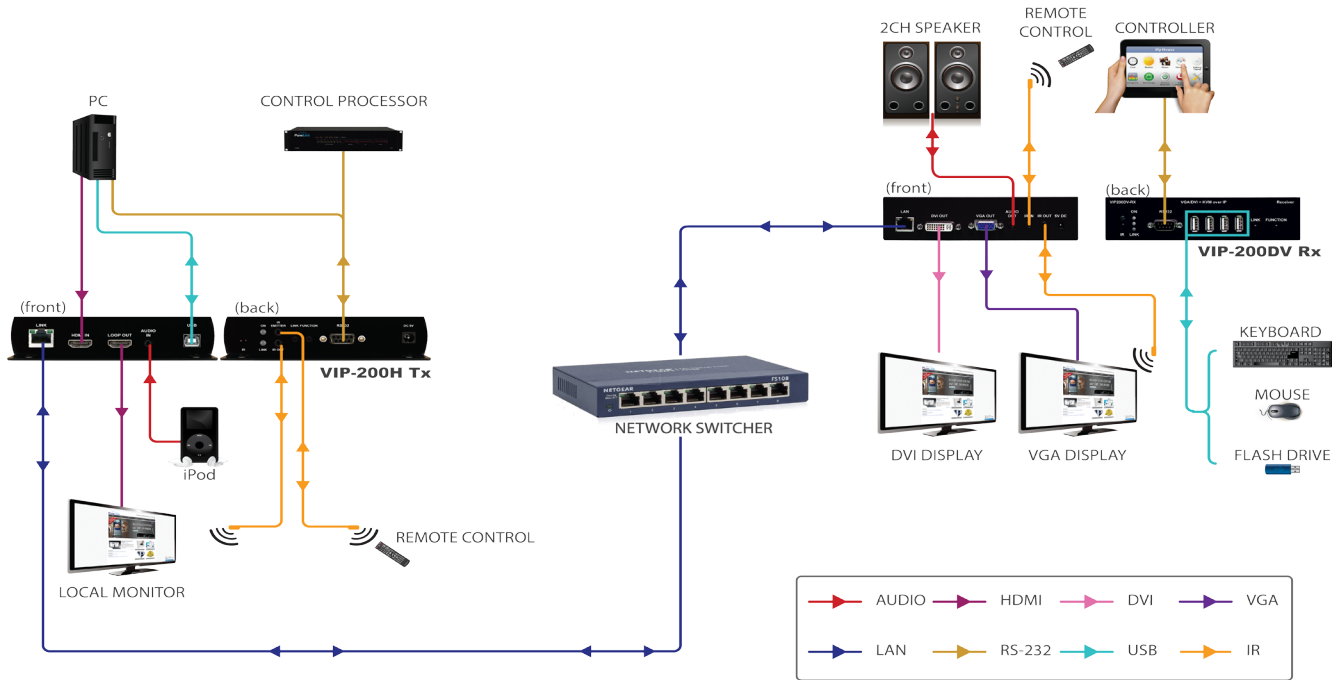
SUPPORT RESOLUTIONS	Up to 1080p@60Hz and WUXGA
SUPPORTED DISTANCE	Using CAT 5e - 492 ft. (150 m) Using CAT 6 - 590 ft. (180 m)
CONNECTOR TYPES	4 x USB Type A 1 x RS232(DB9 Male) 1 x DVI-I(Output) 1 x 15-pin Mini D-sub(Output) 1 x RJ45
AUDIO CONNECTOR	3.5mm Phone Jack x 2 (10KΩ / 1Vpp)
IR RECEIVER (INTERNAL)	30-60Khz / ±45° / 5M
IR RECEIVER (EXTERNAL)	3.5mm Stereo Phone Jack
POWER SUPPLY	DC 5V 2A
POWER CONSUMPTION	750mA (Typical) / 1000mA (Max)
DIMENSIONS	6.57 x 4.15 x 1.57 in. 167 x 105.5 x 40 mm
WEIGHT	1.01 lbs (460g)

Additional Accessories

Item No.	Description
VIP-200H Tx - Rack3	(3) Slot Frame for VIP-200H Tx
VIP-200H Rx - Rack3	(3) Slot Frame for VIP-200H Rx
VIP-200DV Tx/Rx - Rack2	(2) Slot Frame for VIP-200DV Tx/Rx

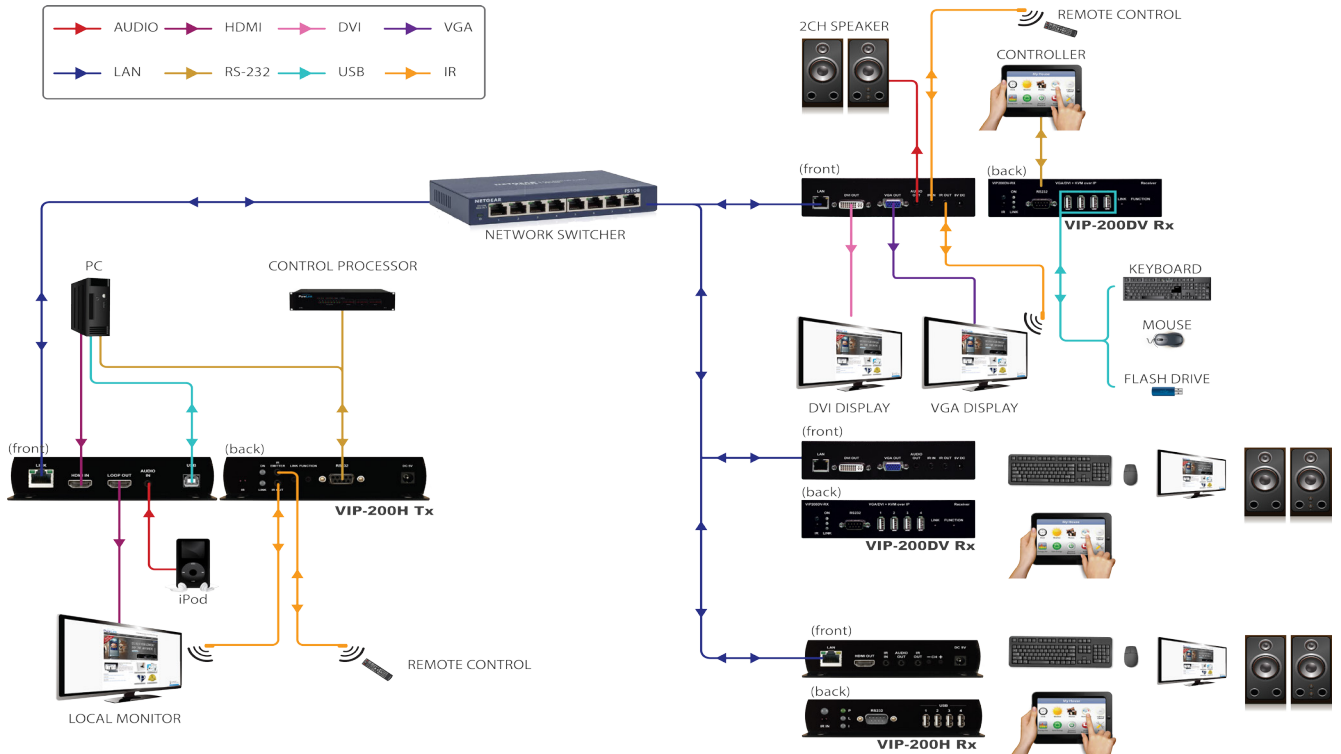
VIP-200 ONE-TO-ONE EXTENSION DIAGRAM

SHOWN IN DIAGRAM: VIP-200H/VIP-200DV RX (DVI/VGA transmitter and HDMI receiver options also applicable)



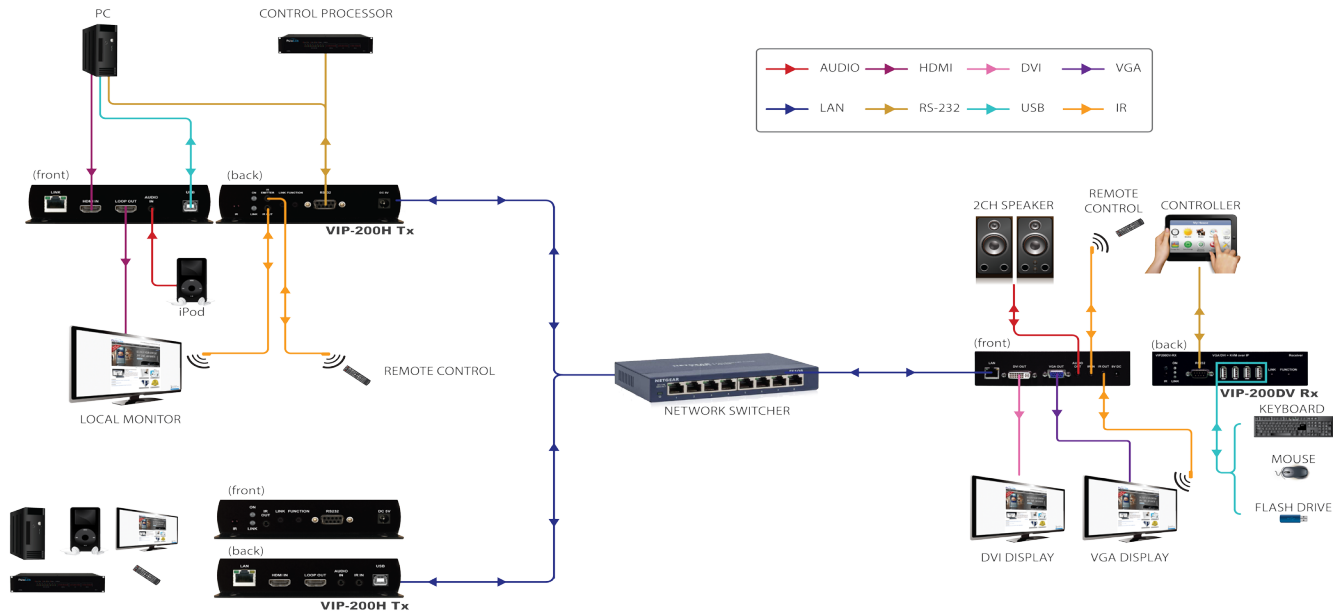
VIP-200 ONE-TO-MANY DISTRIBUTION DIAGRAM

SHOWN IN DIAGRAM: VIP-200H/VIP-200DV RX (DVI/VGA transmitter and HDMI receiver options also applicable)



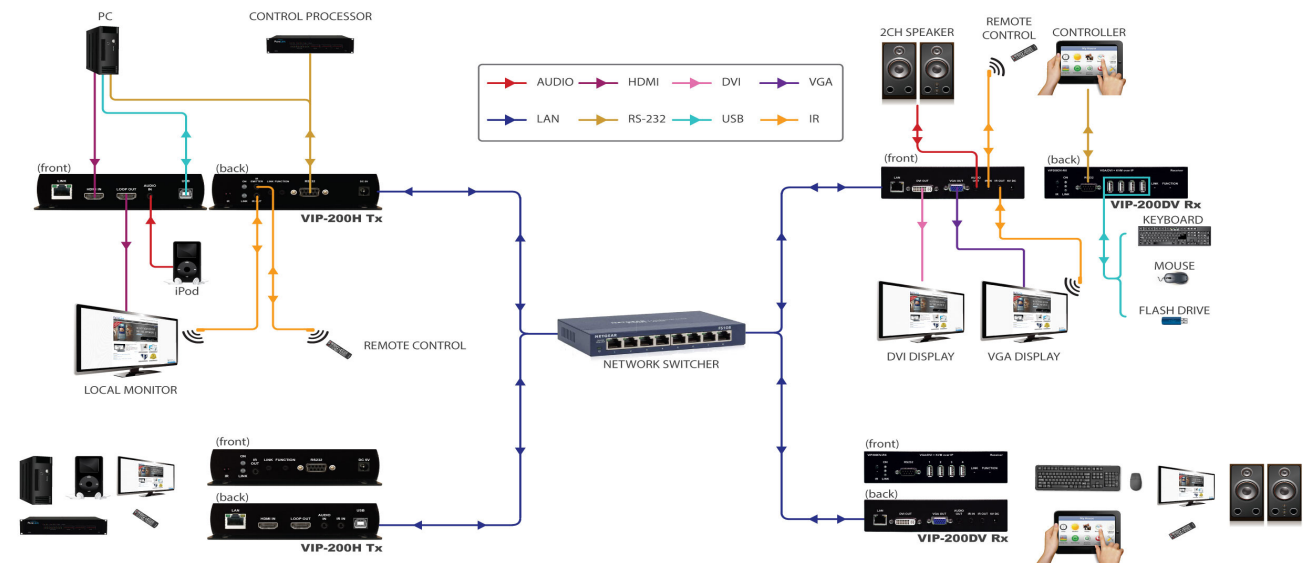
VIP-200 MANY-TO-ONE SWITCHING DIAGRAM

SHOWN IN DIAGRAM: VIP-200H/VIP-200DV RX (DVI/VGA transmitter and HDMI receiver options also applicable)



VIP-200 MANY-TO-MANY SWITCHING DIAGRAM

SHOWN IN DIAGRAM: VIP-200H/VIP-200DV RX (DVI/VGA transmitter and HDMI receiver options also applicable)





The VIP-300H-U UltraHD 4K HDMI & USB/KM over IP Distribution System provides UltraHD/4K video, audio, RS-232, IR, and USB distribution and matrix switching capabilities over IP networks. The VIP300H-U can be used as a point-to-point extension system supporting distances up to 390 feet (120 meters), as well as multi-signal distribution, switching, and matrix switching system using the VPX IP Video Management Software. The VIP300H-U brings to market the only IP Video system that offers reliable signal transmission across CAT or Fiber networks. The VIP-300H-U also features convenient setup functions allowing users to easily configure video wall displays up to an 8x8 configuration. The VIP-300H-U supports embedded HDMI, analog, and SPDIF audio and can be powered from 802.3af or higher compliant network switches.

Key Features

- Supports 4K30 4:4:4 and 4K60 4:2:0 (converted to 4K30)
- HDCP 2.2 compliant
- Powered via 802.3af PoE
- Near Zero Latency (1 mS)
- High Quality proprietary PureStreamX Ultra codec
- CAT connections standard
- Fiber SFP+ slot for optional modules
- Built-in video wall function (up to 8x8 configuration)
- USB 2.0 (KM)
- Bidirectional RS232 and IR
- Infrared remote control channel selection
- LED channel display
- Digital and analog audio insertion
- Compatible with VPX IP Video Management Software with browser interface
- Four products in one:
 - Point to Point : KM extender up to 390 ft.
 - Distribution : 1 x TX to 65K x RX
 - Switching : 256 x TX to 1 x RX
 - Matrix : 256 x TX, 65K total TX/RX

Technical Specifications

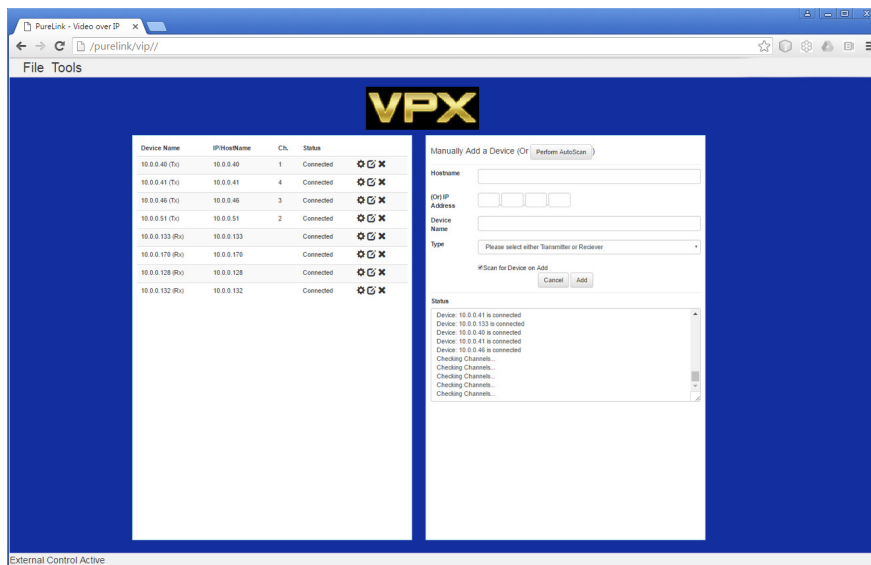
SUPPORTED RESOLUTIONS	480i to 4K30 4:4:4 and 4K60 4:2:0 (converted to 4K30)
HDCP	2.2
TRANSMISSION DISTANCE	120M CAT and up to 60KM Fiber
USB	2.0 Keyboard/Mouse only 1 x USB type B
RS232	1x 3 pin phoenix
VIDEO IN	1x HDMI w lock thread
NETWORK	RJ45 w indicators
NETWORK	SFP option slot
ANALOG AUDIO	3.5mm stereo
DIGITAL AUDIO	Toslink SPDIF - Dolby True HD, Dolby DTS-HD
IR	3.5mm 38-56 kHz
POE	802.3af
(POWER OVER ETHERNET)	
POWER ADAPTER	5VDC
ENVIRONMENTAL	0 - 55 C operating, -20 to 85 C storage max. 95% NCH
DIMENSIONS	6.69 x 4.53 x 0.98 in. 170 x 115 x 25 mm
WEIGHT	1.1 Lbs 500 g
MOUNTING	Removable mounting tabs

The VPX IP Video Management Software is an intuitive browser-based UI application that allows users to effectively add matrix switching inputs and outputs, create and schedule presets, and easily manage a VIP system.

VPX Control Key Features

- Device discovery – detects all available transmitters and receivers on network
- Device mapping - automatically build I/O map or manually create/edit (on or offline mode)
- Presets – create/preview up to 16 presets and automate execution schedules
- External control connectivity for third-party control systems
- Browser interface – easy access through options such as Wi-Fi tablets and various operating systems
- Advanced diagnostics - monitor entire system with event log

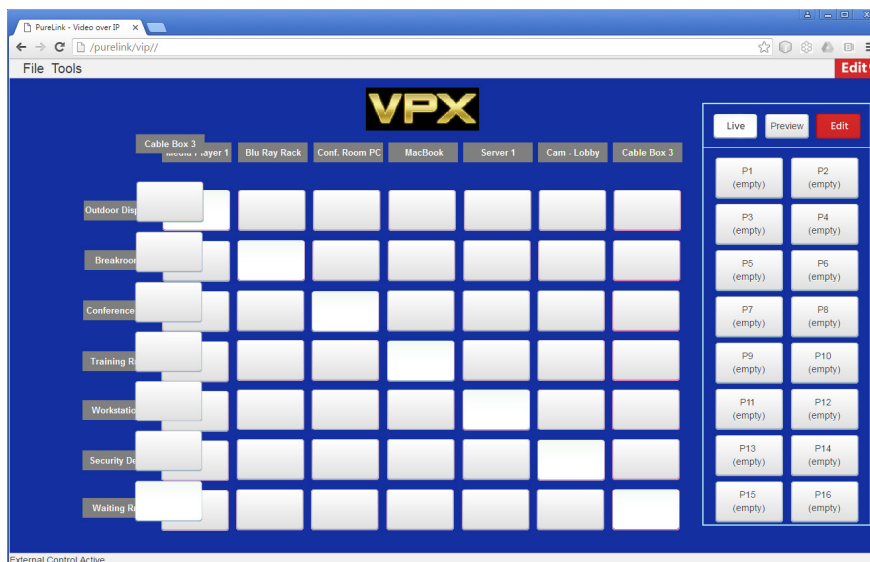
AUTO-SCAN OF DEVICES



AUTO-CREATION OF I/O MAP

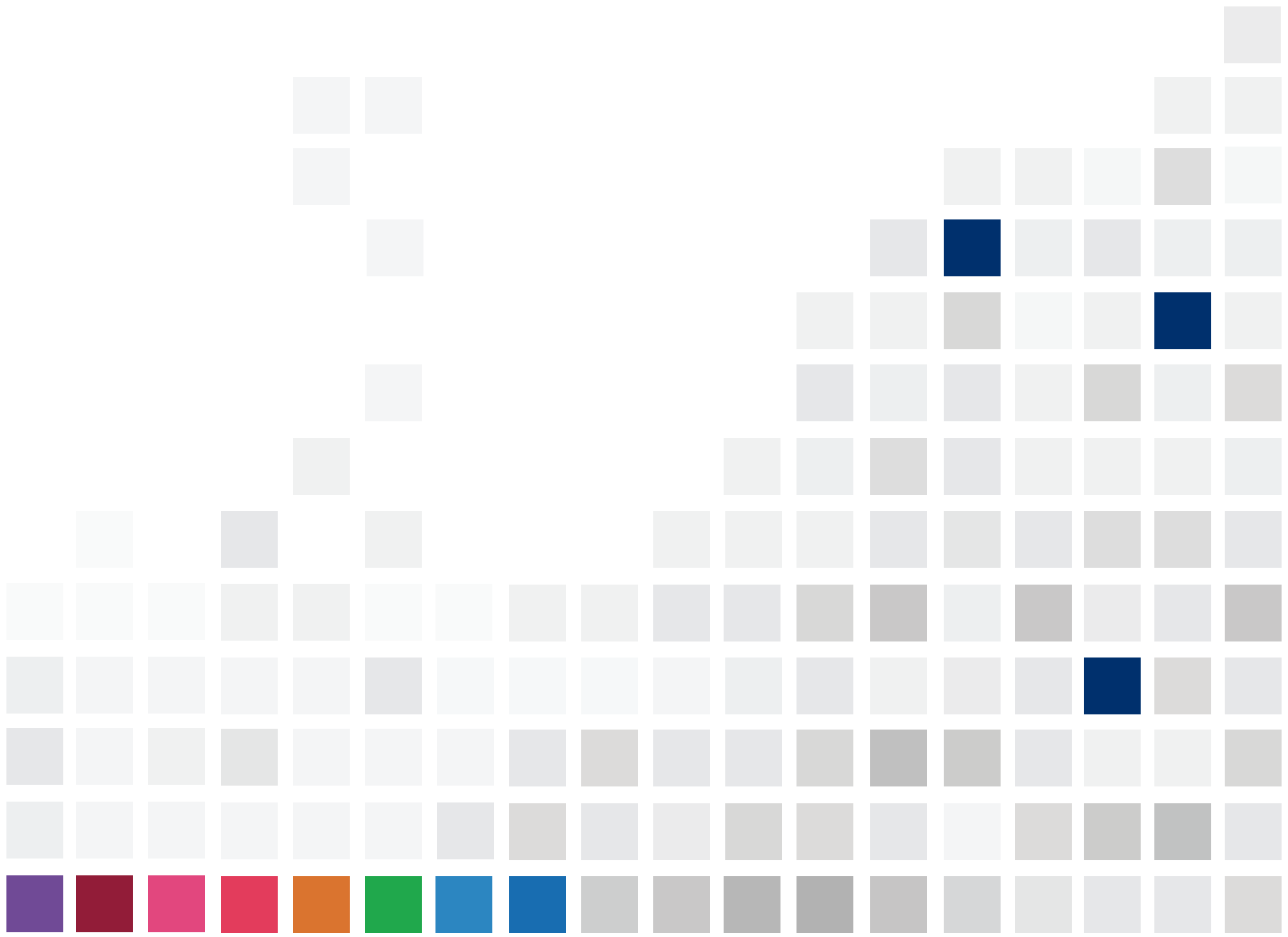


EDIT MODE



PRESET SCHEDULING





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