

UHDS-41R 4x1 HDMI 2.0 Switcher – Ultra HD



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

INPUT SIGNAL	HDMI single link, 4 ports
OUTPUT SIGNAL	HDMI single link
BANDWIDTH	18 Gbps
SUPPORTING RESOLUTIONS	PC: VGA ~ WUXGA (Up to 1920 x 1200 @60Hz) HDTV: 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 TYPES	4 x HDMI inputs 1 x HDMI output 1 x IR 1 x RS232 1 x Analog audio out 1 x DC power jack
SUPPORTED FORMATS	HDCP 2.2 HDMI 2.0 DVI 1.0
ESD PROTECTION	± 8kV (air-gap discharge)
HUMAN BODY MODEL	± 4kV (contact discharge)
POWER RATING	DC +5V , 1A
POWER CONSUMPTION	Max 2.5W
DIMENSIONS (WXDXH)	7.1" x 3.3"x 0.5" in. 180 x 85 x 11.6 mm
WEIGHT	0.65 Lbs 0.3 Kg