

[View product details](#)


HOF III Tx Front



HOF III Rx Front



HOF III Tx Back



HOF III Rx Back

The **HOF III** is a powerful solution for extending 4K60 4:4:4 UHD video, high resolution audio, and control signals up to 33,000ft (10km) over SFP+ 1 LC fiber (SFP+ modules included). The **HOF III** features 18Gbps HDMI 2.0, HDCP 2.2, analog audio embedding/de-embedding and EDID Management. It is the perfect solution for extending high resolution video, audio and control over great distances.

## Key Features

- 4K60 4:4:4 UHD video, audio, and control signals up to 33,000ft (10km) over SFP+ 1LC Single Mode fiber (1 LC SFP+ modules included)
- High-res Audio | Dolby Digital / Plus / EX / True HD and DTS up to DTS-HD Master Audio™ | DSD and more
- HDMI 2.0b | DVI 1.0 | HDCP 2.2 | HDR | 1080P 3D
- Easy EDID Management
- HDMI Loop Out on TX
- 2 CH Stereo Analog Audio Embedding on TX / De-embedding on RX
- Bi-directional IR and RS-232 control signals
- Diagnostic LEDs

HOF III is compatible with SFP+ 1LC Multi-Mode modules (not included), up to 300 meters.

## Specifications

### Connections

	Transmitter (Tx)	Receiver (Rx)
Inputs	1 x HDMI 2.0b 1 x 2ch Stereo Analog Audio 3.5mm TRS 1 x Bi-directional RS-232 3pin mini phoenix 1 x IR In 3.5mm TRS	1 x SFP+ 1LC Fiber (module included) 1 x 2ch Stereo Analog Audio 3.5mm TRS 1 x Bi-directional RS-232 3pin mini phoenix 1 x IR In 3.5mm TRS
Outputs	1 x HDMI 2.0b Loop Out 1 x SFP+ 1LC Fiber (module included) 1 x IR Out 3.5mm TRS	1 x HDMI 2.0b 1 x IR Out 3.5mm TRS

### Performance

Distance	Up to 33,000ft (10km) over single-mode fiber cable
Video Resolutions	Up to Ultra HD 4K60 4:4:4 HDR
Color Space	RGB   YCbCr 4:4:4 / 4:2:2   YUV 4:2:0
Color Depth	8 bit, 10 bit, 12 bit   1080P60 3D   4K HDR
Audio Formats	LPCM2 / 5.1 / 7.1CH   Dolby Digital / Plus / EX   Dolby True HD   DTS   DTS-EX   DTS-96 / 24   DTS High Res   DTS-HD Master Audio   DSD
Bandwidth	18 Gbps
RS-232 Baud Rate	4800-115200bps
ESD Protection	±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Power Adapter	Input: AC 100 - 240V 50 / 60   Output: DC 5V / 1A
Power Consumption	Tx: 3.85 W (Max)   Rx: 2.7 W (Max)

### Standards & Compliance

Standards	HDMI 2.0b   HDCP 2.2   DVI 1.0
-----------	--------------------------------

### Reliability & Environmental

Reliability	MTBF 90,000 hours
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)   20% ~ 90%, non-condensing
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)   20% ~ 90%, non-condensing

### Enclosure

Type	Power Coated Steel	
	<b>Product</b>	<b>Shipping</b>
Dimensions for both TX and RX (H x W x D)	1in x 5.28in x2.68 in (18mm x 134mm x 68mm)	2.5in x 12in x 8 in (63.5mm x 305mm x 203.2mm)
Weight	0.62lbs (280g)	2lbs (0.91kg)

### Warranty

Limited	3 years parts & labor
---------	-----------------------