

BE-96F404

4K2K HDMI with USB KVM Extender over SFP+ Optical Fiber

The BE-96F404 is a HDMI + USB KVM Extender over Optical Fiber that can support HDMI signals up to 4K2K (3840x2160) in non-compressed, lossless extension.

The product works with any HDMI 1.4 Audio/Video source in resolution up to 4K Ultra HD 3840x2160@30Hz, as well as fully HDCP compliant and EDID/Hot Plug transparent. The 2-way USB Extender can be used for the Keyboard/Mouse as well as Touch Screen for the PC Control.

The product is designed to work in the industrial environment of operating temperature 0 to 70°C. The LC terminated multi-mode fiber optic cable is used, preserving signal integrity and providing excellent protection from electromagnetic interference (EMI). Compared to similar copper-based solutions, optical signal transmission provides inherent galvanic isolation and excellent immunity to electromagnetic interference. The units also feature metal enclosures, providing further protection against radiated noise. Locking HDMI and power connectors ensure trouble-free installation and long-lasting, reliable operation.



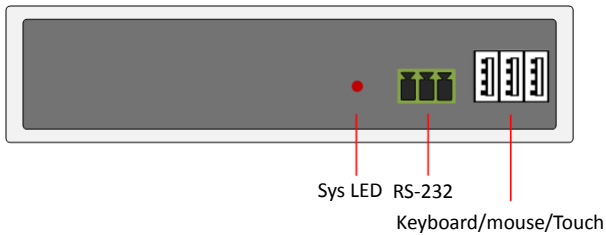
Features

- ❖ Extends HDMI, RS-232, and USB over a SFP+ Optical Fiber.
- ❖ Support HDMI 4K2K (3840x2160@30Hz) up to 300 meters over OM3 Fiber Cable.
- ❖ Fully HDCP compliant, 12-bit Deep Color, LPCM 7.1 audio, Dolby® TrueHD, and DTS-HD Master Audio™
- ❖ Support fully transparent DDC/EDID, CEC and Hot-Plug signal.
- ❖ Support USB Keyboard, Mouse, and USB Touch Screen.
- ❖ Support Full-duplex RS-232 up to 115200 baud.
- ❖ Plug-and-play, no any additional software installation is required.
- ❖ Firmware upgradable.

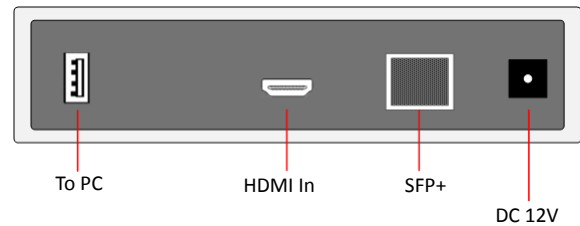
Front / Back Panel

BE-96F404T

Front

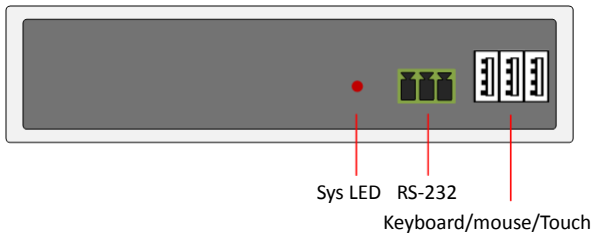


Back

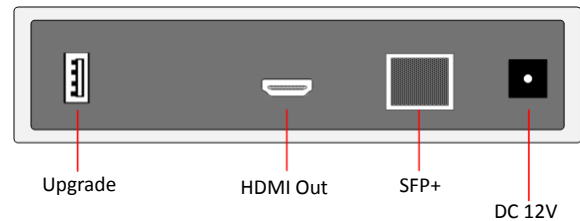


BE-96F404R

Front



Back



Specification

Model No.	BE-96F404T	BE-96F404R
HDMI Input	1	N/A
HDMI Output	N/A	1
USB Upstream	1	N/A
USB Downstream	3	3
Power	DC 12V 1A	
Resolution	Up to 3840x2160@30Hz	
Inter-connect Cable	Duplex LC OM3 (300 meters)	
Environment	Operating Temp.	0 to 70°C
	Storage Temp.	-40 to 100°C
	Humidity	0 ~ 80% Non-condensing
Physical Properties	Material	aluminum
	Weight	407g
	Dimension	150(W) x 110(L) x 28(H) mm

Diagram

