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℃. The LC terminated 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.
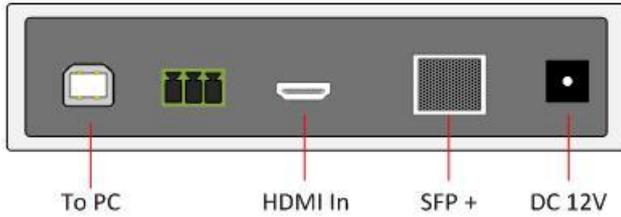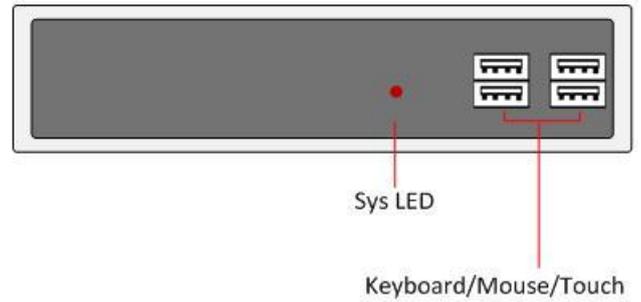
Features

❖ Extends HDMI and USB over a SFP+ Optical Fiber.

❖ Support HDMI 1080p or 4K2K (3840x2160@30Hz) up to 1.4KM over SM Fiber Cable.

❖ Support 12-bit Deep Color, LPCM 7.1, Dolby® TrueHD, and DTS-HD Master Audio™

❖ Fully transparent DDC/EDID, CEC and Hot-Plug signal.

❖ Support USB Keyboard, Mouse, and Touch Screen.

❖ TX support local Console, TX user can Lock/Unlock RX user.

❖ RX support local PC, RX user can switch/access both TX and RX PC.

❖ Plug-and-play, no any additional software driver is required.
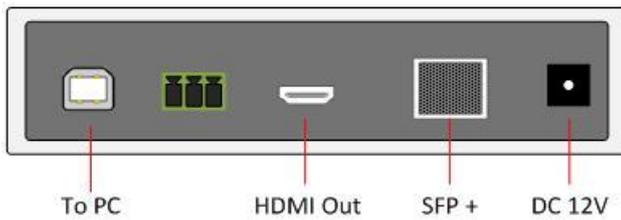
❖ Firmware upgradable.
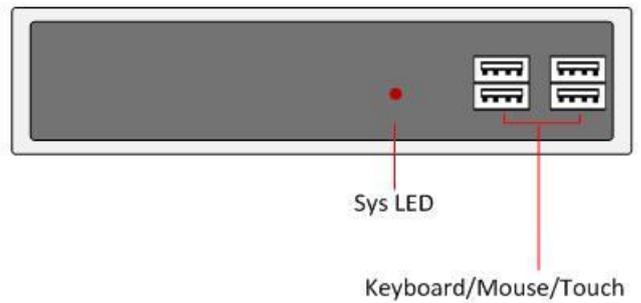
Front / Rear Panel

BE-96F404T   **Front**   **Rear**

To PC   HDMI In   SFP +   DC 12V

Sys LED

Keyboard/Mouse/Touch

BE-96F404R   **Front**   **Rear**

To PC   HDMI Out   SFP +   DC 12V

Sys LED

Keyboard/Mouse/Touch

Specification

Model No.		BE-96F404T	BE-96F404R
HDMI Input		1	N/A
HDMI Output		N/A	1
USB Upstream		1	1
USB Downstream		4	4
Power		DC 12V 1A	
Resolution		Up to 3840x2160@30Hz	
Inter-connect Cable		Duplex LC Single-Mode Fiber Cable (1.4 KM)	
Environment	Operating Temp.	0 to 70℃	
	Storage Temp.	-40 to 100℃	
	Humidity	0 ~ 80% Non-condensing	
Physical Properties	Material	aluminum	
	Weight	407g	
	Dimension	150(W) x 110(L) x 28(H) mm	

Diagram