Kramer 692 4K60 4x2x0 HDMI MM/SM Fiber Optic Extender (Receiver) with USB/Ethernet/RS-232/IR/Stereo Audio

INPUTS

- 1 fiber optic on a 10Gbps SFP+ LC connector complying with IEEE 802.3ae

OUTPUTS

- 1 HDMI on HDMI connector,
- 1 stereo analog unbalanced audio on a 3.5mm mini jack

PORTS

- 1 IR on a 3.5mm mini jack for IR link extension,
- 4 USB on female USB–A connectors for USB link extension,
- 1 RS–232 on a 3–pin terminal block for serial link extension,
- 1 RS–232 on a 3–pin terminal block for transmitter control,
- 1 100BaseT Ethernet on an RJ–45 female connector for transmitter control and LAN extension

EXTENSION LINE

- HDBaseT 2.0 compliant
- Multi–mode (MM) or single–mode (SM) optical fiber,
- 2 simplex fiber strands

MULTIMODE LINE

- G.651.1 compliant OFNR fiber,
- 850 nm nominal peak wavelength,
- 10.2Gbps max data rate,
- –2.5dBm typical optical transmission power,
- 8.6dB typical optical maximum loss budget,
- Up to 3km (1.8 miles) reach over OM3 MM fiber

SINGLEMODE LINE

- G.652D compliant OFNR fiber,
- 1310 nm nominal peak wavelength,
- 10.2Gbps max data rate,
- –2.5dBm typical optical transmission power,
- 11.9dB typical optical maximum loss budget,
- Up to 33Km (20.5 miles) reach over OS1 SM fiber

VIDEO

- Up to 10.2Gbps bandwidth (3.4Gbps per graphic channel),
- Up to 4K UHD @60Hz (4:2:0) 24bpp resolution,
- HDMI 2.0 and HDCP 1.4 signal compliance

AUDIO

- Up to 1 Vrms level,
- 0.03% THD + noise @1kHz at nominal level

USB EXTENSION

- 1.1 and 2.0 host compliance,
- Up to 127Mbps (out of max 480 USB) extended line rate bandwidth,
- Up to 7 devices,
- Up to 2 hubs,
- Up to 8 ports per hub

ETHERNET EXTENSION

- Up to 100Mbps Ethernet transmission bandwidth

RS-232 EXTENSION

- 300 to 115200 baud rate

CONTROL RS-232

- 115200 baud rate

SUPPORTED PC WEB BROWSERS

- Windows 7 and higher:
- Internet Explorer (32/64 bit) version 10,
- Firefox version 30,
- Chrome version 35
- MAC:Chrome version 35,
- Firefox version 30,
- Safari version 7,
- Note: Minimum browser window size 1024 x 768

POWER SOURCE

- 12V DC, 5A

POWER CONSUMPTION

- 12V DC, 2.8mA

ENCLOSURE

- Half 19", 1U rack unit size, aluminium type

COOLING

- Convection ventilation

OPERATING TEMPERATURE

- 0° to +40°C (32° to 104°F)

STORAGE TEMPERATURE

- –40° to +70°C (–40° to 158°F)

HUMIDITY

- 10% to 90%, RHL non–condensing

VIBRATION

- ISTA 1A in carton (International Safe Transit Association)

SAFETY REGULATORY COMPLIANCE

- CE, UL

ENVIRONMENTAL REGULATORY COMPLIANCE

- Complies with appropriate requirements of RoHs and WEEE

INCLUDED ACCESSORIES

- Power supply (12V, 5A)