

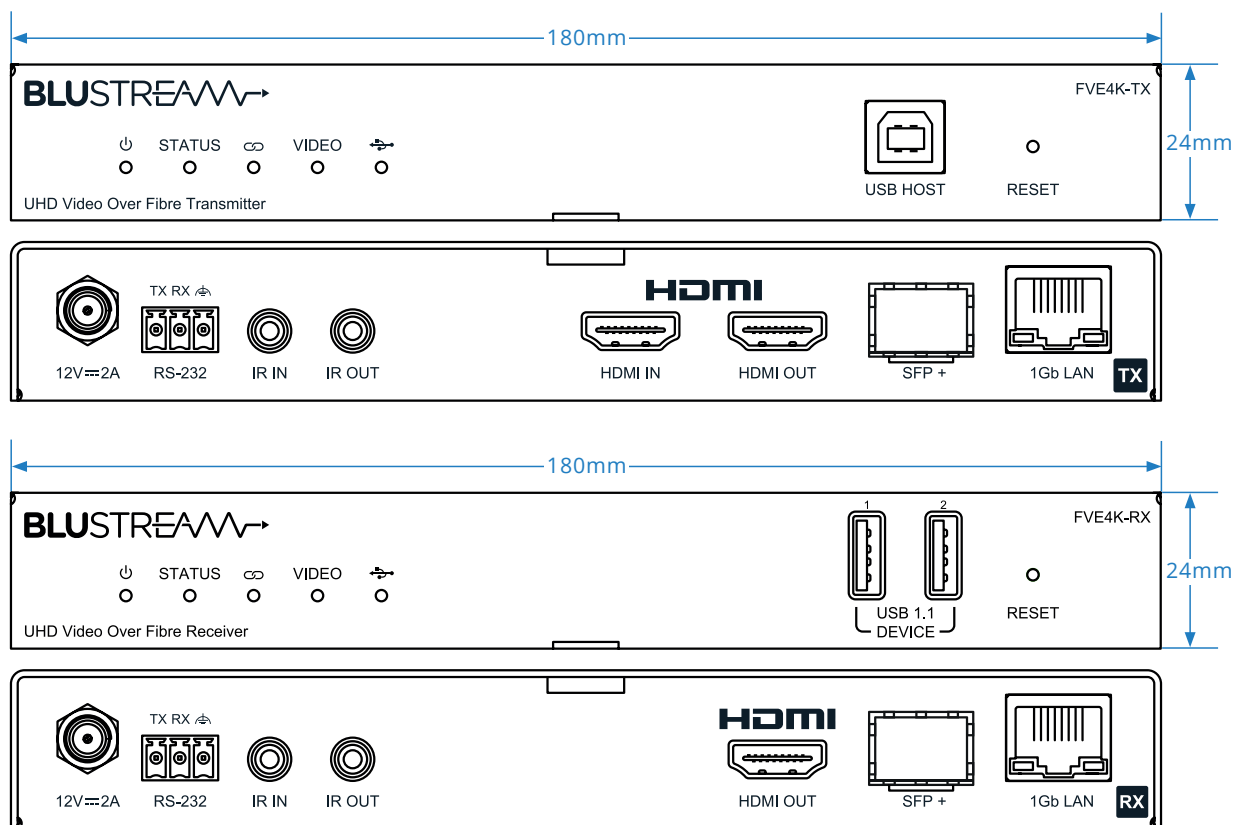
UHD Video Over Fibre Extender

Description

The FVE4K-KIT is an industry leading HDMI2.0 4K 60Hz 4:4:4 HDCP 2.2 fibre extender solution utilising the latest in SDVoE technology.

The FVE4K-KIT supports uncompromised distribution of the latest 4K resolutions including HDR / Dolby Vision LLM resulting in the ability to transmit 18Gbps signals over distances not capable of being achieved over copper cabling.

The FVE4K-KIT supports bi-directional IR, RS-232, USB1.1, and 1Gbps LAN up to distances supported by the 10Gbps SFP+ modules and fibre cable in use.



Key Features

- Advanced 18Gbps UHD Video over 10Gbps fibre cable with visually lossless compression and zero latency
- Supports HDMI 2.0 18Gbps specification with pass-through for up to 4K 60Hz 4:4:4 and 10/12-bit HDR sources, including Dolby Vision LLM
- Features 1x HDMI loop-out on FVE4K-TX for integrating local displays or cascading to multiple devices
- Supports all known HDMI audio formats including Dolby Atmos, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission
- USB 1.1 point to point pass-through
- Bi-directional 10/100/1000BaseT Ethernet pass-through
- Supports bi-directional 5V or 12V IR pass-through
- Bi-directional RS-232 pass-through
- HDCP 2.2 compliant with advanced EDID management
- Local 12V 2A power supply required at TX & RX (supplied)

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Specifications - RX

- **Video Input Connectors:** 1 x SFP+ module video network (SFP+ module not supplied)
- **Video Output Connectors:** 1 x HDMI Type A, female
- **Ethernet Port:** 1 x 1Gb LAN RJ45 pass-through
- **USB / KVM Port:** 2 x USB-Type A (Devices)
- **5V IR Input Port:** 1 x 3.5mm stereo jack
- **5V IR Output Port:** 1 x 3.5mm mono jack
- **RS-232 Port:** 1 x 3-pin Phoenix connector
- **Power Supply:** 12V/2A DC, screw type connector

Specifications - KIT

- **Casing Dimensions (W x D x H):** 180mm x 103mm x 24mm (TX / RX - without connections)
- **Casing Dimensions (W x D x H):** 180mm x 108mm x 24mm (TX / RX - with connections)
- **Shipping Weight:** 1.6kg
- **Operating Temperature:** 32°F to 104°F (0°C to +40°C)
- **Storage Temperature:** -4°F to 140°F (-20°C to +60°C)

Specifications - TX

- **Video Input Connectors:** 1 x HDMI Type A, female
- **Video Output Connectors:** 1 x SFP+ module video network, 1 x HDMI Type A, female (SFP+ module not supplied)
- **Ethernet Port:** 1 x 1Gb LAN RJ45 pass-through
- **USB / KVM Port:** 1 x USB-Type B (Host)
- **5V IR Input Port:** 1 x 3.5mm stereo jack
- **5V IR Output Port:** 1 x 3.5mm mono jack
- **RS-232 Port:** 1 x 3-pin Phoenix connector
- **Power Supply:** 12V/2A DC, screw type connector

Package Contents

FVE4K-TX Transmitter	x 1
FVE4K-RX Receiver	x 1
12V/2A DC Power Supply	x 2
Mounting Bracket Sets	x 2
Quick Reference Guide	x 1
IRE1 Emitter (5V)	x 1
IRR Receiver (5V)	x 1

Regulatory Compliance



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