KanexPro®

HDMI® 2.0 Fiber Optic Extender with 4K/60 up to 300 meters

Extend 4K Video, Audio & Control over Fiber up to 984ft. (300m) with HDR, Dolby Vision & ARC

MPN: EXT-4KFIBERPRO

The **KanexPro EXT-4KFIBERPRO** is an HDMI 2.0 extender set engineered to extend 4Kx2K@60Hz with 4:4:4 Chroma Sampling rate and HDR up to 984ft. (300m) with zero latency. Compliant with HDCP 2.2, the set includes one transmitter and one receiver via two- single mode optical fiber ports or two OM3/OM4 multi-mode fiber cables. Front panel Dip switch allows SPDIF ports on both the sender and receiver to function as ARC (Audio Return Channel) mode or normal audio support for downstream devices. This extender can also be controlled over fiber via bi-directional IR and RS-323C.

The Fiber Optic Benefit

A fiber optic connection is extremely secure and immune to RF and EM interference ensuring reliable and industrial grade performance when it comes to signal integrity and offers future proofing solution for years to come.

FEATURES

- Send secure, uncompressed and RF/ EMI free video and audio over fiber
- Works with single mode or multi-mode
- Supports HDR, Dolby Vision and 4:4:4 Chroma sampling rate
- Built-in LC connectors on both the transmitter & receiver
- Extends 4K/60 up to 984ft. (300m)
- Extends 1080p/60 up to 1300ft. (400m)
- HDCP 2.2 Compliant
- Supports Audio Return Channel (ARC), EDID & CEC channels
- Bi-directional IR and RS232 pass-though.
- Slim chassis design
- Micro–USB port for on the spot firmware update
- Locking power supply & mounting ears
- Backed by KanexPro 3-year warranty for parts & labor

SPECIFICATIONS

Transmitter:
- Input: (1) HDMI
- Input Connector: (1) Type-A female HDMI
- Output: (2) OPTICAL OUT; (1) AUDIO OUT
- Output Connector: (2) LC connector ; (1) Toslink connector
- Control: (1) IR IN; (1) IR OUT; (1) RS232
- Control Connector (2) 3.5mm mini jacks; (1) 3-pin terminal block

Receiver:
- Input: (2) OPTICAL IN; (1) AUDIO IN
- Input Connector: (2) LC Connector; (1) Toslink connector
- Output: (1) HDMI OUT
- Output Connector: (1) Type-A female HDMI
- Control: (1) IR IN; (1) IR OUT; (1) RS232
- Control Connector: (2) 3.5mm mini jacks; (1) 3-pin terminal block

General:
- Video Resolution: Up to 4Kx2K 60Hz 4:4:4 HDR
- Audio Format: PCM, Dolby Digital, DTS, DTS-HD
- HDMI Standard: HDMI 2.0
- HDCP Version: HDCP 2.2

- Transmission Distance: =300m via single-mode or OM3/OM4 multi-mode fiber cables.
- Operation Tempurature: -10°~ +55°C
- Storage Tempurature: -25° ~ +70°C
- Relative Humility: 10%-90%
- Power Supply:
  Input: AC 100~240V, 50/60Hz;
  Output: 12V DC 1A
- Power Consumption: 9W (max)
- Dimension (W*H*D*): 5.10"x0.78"x3.30"
- Net Weight: 0.38Lbs (175g)

APPLICATION DIAGRAM