

FVXA1M-M53



4K HDMI Video Extender over Multi-Mode Fiber, 300M

Specifications

Model Number	Transmitter	Receiver
FVXA1M-M53	FVXA1M-53L	FVXA1M-53R
MAX. Resolution	3840x2160@30Hz (4:4:4) 4096x2160@30HZ (4:4:4)	
Video Extension	HDMI 1.4 x 1 (In)	HDMI 1.4 x 1 (Out)
HDCP Compliance	HDCP 1.4	
Fiber Link Port	10Gbps Multi-Mode LC SFP Module x 1 (Wavelength : 850nm)	
LC Fiber Cable	Duplex OM2 or OM3 or OM4 (50/125 μm)	
Extension Range	MAX. 300M with OM3 or OM4 MAX. 100M with OM2	
LED Indicators	Status x 1	
Power Supply	DC 5V (Mini USB)	DC 5V (Mini USB)
Operation Environment	0~40°C, Humidity<80%	
Storage Temperature	-20~60°C	
Material	Aluminum	
H x W x D (mm)	28 x 75 x 100	28 x 75 x 100
Weight (g)	230	235

Features

- Allows Reliable Remote Access of an HDMI Video Source via a Fiber Cable Up to 300M (984 feet)
- HDMI 1.4 Video Supports Most Popular Resolutions Up to 4K@30Hz (4:4:4)
- HDCP 1.4 Compliance Ensures Uninterrupted HD and UHD Video Playback
- Optical System Makes High Speed and Long Distance Transmission Possible, and The EMI-Isolated Nature Is Ideal for Noise-Critical Applications
- Plug-and-Play, No Driver or Software Required
- Interoperability among HDMI / DisplayPort Models (Fiber Interface Must be The Same)
- KVM Extender Models with USB Extension Also Available



Product Family

Model	USB Extension	Video Interface	MAX. Resolution	SFP Fiber Module Type	Extension Distance
FXA1MU-M57	Yes	HDMI 2.0	4K@60Hz (4:4:4)	Single-Mode	500M
FXA1MU-M56		HDMI 1.4	4K@30HZ (4:4:4)	Multi-Mode	300M
FXA1PU-M57		DisplayPort 1.2	4K@60Hz (4:4:4)	Single-Mode	500M
FXA1PU-M56		DisplayPort	4K@30HZ (4:4:4)	Multi-Mode	300M
FXA1PU-M53		DisplayPort	4K@30HZ (4:4:4)	Multi-Mode	300M
FVXA1M-M57	No	HDMI 2.0	4K@60Hz (4:4:4)	Single-Mode	500M
FVXA1M-M56		HDMI 1.4	4K@30HZ (4:4:4)	Multi-Mode	300M
FVXA1P-M57		DisplayPort 1.2	4K@60Hz (4:4:4)	Single-Mode	500M
FVXA1P-M56		DisplayPort	4K@30HZ (4:4:4)	Multi-Mode	300M
FVXA1P-M53		DisplayPort	4K@30HZ (4:4:4)	Multi-Mode	300M
FVXA1P-M53		DisplayPort	4K@30HZ (4:4:4)	Multi-Mode	300M

Overview

4K HDMI Video Extender over Multi-Mode Fiber, 300M, FVXA1M-M53, Allows Reliable Remote Access to an HDMI 1.4 Video Source via a Multi-Mode Fiber Cable Up to 300M (984 feet)

Connection Pattern

