

FXA1PU-M56



4K DisplayPort KVM Extender over Multi-Mode Fiber with USB, 300M

Specifications

Model Number	Computer Unit	Console Unit
FXA1PU-M56	FXA1PU-56L	FXA1PU-56R
MAX. Resolution	3840x2160@60Hz (4:4:4) 4096x2160@60HZ (4:4:4)	
Video Extension	DisplayPort 1.2 x 1 (In)	DisplayPort 1.2 x 1 (Out)
USB HID Extension	Mini USB x 1	USB-A x 3
HDCP Compliance	HDCP 1.4, HDCP 2.2	
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, USB HID 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 a Computer via a Fiber Cable Up to 300M (984 feet)
- DisplayPort 1.2 Video Supports Most Popular Resolutions Up to 4K@60Hz (4:4:4)
- HDCP 1.4 Compliance Ensures Uninterrupted HD and UHD Video Playback
- USB HID Extension Supports Keyboard, Mouse, Touch Screen, and Other HID Devices
- 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
- Support Windows / Mac / Linux / Chrome O.S.
- Interoperability among HDMI / DisplayPort Models (Fiber Interface Must be The Same)
- Video Extender Models without 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 1.2	4K@30HZ (4:4:4)	Multi-Mode	300M
FXA1PU-M53	No	DisplayPort 1.2	4K@30HZ (4:4:4)	Multi-Mode	300M
FVXA1M-M57		HDMI 2.0	4K@60Hz (4:4:4)	Single-Mode	500M
FVXA1M-M56		HDMI 1.4	4K@30HZ (4:4:4)	Multi-Mode	300M
FVXA1M-M53		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 1.2	4K@60Hz (4:4:4)	Single-Mode	500M
FVXA1P-M53	DisplayPort 1.2	4K@30HZ (4:4:4)	Multi-Mode	300M	

Overview

4K DisplayPort KVM Extender over Multi-Mode Fiber with USB, 300M, FXA1PU-M56, Allows Reliable Remote Access to a Computer's DisplayPort Video and USB HID via a Multi-Mode Fiber Cable Up to 300M (984 feet)

Connection Pattern

