

1KM
SC/MM Fiber

FXXPS-M043



4K Dual-Video DisplayPort KVM Fiber Extender with Audio, Serial, & IR Extension, Multi-Mode, 1KM

Specifications

Model Number	Computer Unit	Console Unit
FXXPS-M043	FXXPS-043P	FXXPS-043S
MAX. Resolution*	3840x2160@30Hz (4:4:4) 4096x2160@30Hz (4:4:4) & Other Popular Resolutions	
Video Extension	4K DP x 2 (In)	4K DP x 2 (Out)
USB 2.0 Extension	USB 2.0 x 1 (B)	USB 2.0 x 4 (A)
Smart Audio Extension (3.5mm, Analog Stereo)	SPK x 1 (Embed) MIC x 1 (Extract)	SPK x 1 (Extract) MIC x 1 (Embed)
Serial Extension (9600bps~115200bps)	DB9 x 1 (DCE) (RS-232)	DB9 x 1 (DTE) (RS-232)
IR Extension	3.5mm x 1 (Out)	3.5mm x 1 (In)
Link Port (1.25Gbps, 850nm)	Duplex SC x 2 (50/125µm, OM3)	Duplex SC x 2 (50/125µm, OM3)
Status LED Indicator	x 2	x 2
Push Buttons	Reset x 1	Reset x 1, S1 x 1, S2 x 1
Extension Range	1 KM (SC, Multi-Mode)	
Power Supply	DC 12V~48V	
Material	Aluminum (Color : Black)	
Operation Environment**	0~40°C, Humidity<80% (Storage : -20~60°C)	
Weight(g)	400	450
H x W x D (mm)	44 x 122 x 140	

* The extender supports most popular resolutions. Monitors with special EDIDs might not work properly.

** When installed in sealed enclosure, proper air flow should be provided to ensure proper temperature.

*** Do Not Apply Switching HUB !

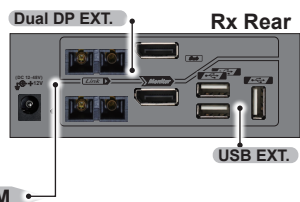
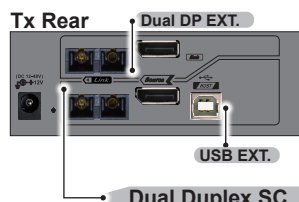
Features

- Allows Reliable Remote PC Access to a Dual-Monitor PC via Two Duplex SC Multi-Mode Fiber Cables Up to 1KM
- Most Popular Resolutions Supported by Dual DP/HDMI Video Up to 4K@30Hz (4:4:4)
- USB 2.0 Extension Supports Most Popular Devices
- IR Extension from the Console Unit to the Computer Unit
- Serial Extension Facilitates Industrial Control
- Front USB Ports Allow Easy Access
- Easy Baud Rate Selections by OSD & Buttons
- EDID Pass Through Ensures Accurate Monitor Information Communication
- HDCP 1.4 Compliance Ensures Uninterrupted 4K Video Playback
- Plug-n-Play & Requires No Driver or Software
- Support Windows / Mac / Linux / Chrome O.S.
- Fiber Link Port Empowers Isolation of EMI & Electrical Noise
- Smart Audio Extension (Audio Auto Embed / Extract)
- Allows Wide Power Input Range DC 12~48V

FXXPS-043P



FXXPS-043S



Order Information

Model Number	Video Extension	Multi-Video	USB Extension	Audio Extension	Link Port
FXXMS-M043	HDMI 1.4	Dual-Video	USB 2.0	3.5mm SPK 3.5mm MIC	Duplex SC x 2 (Multi-Mode)
FXXPS-M043	DP (MAX. 4K@30Hz, 4:4:4)				

* Single-Mode, 10KM Duplex SC Models Also Available Upon Bulk Orders

Also Available : Single-Mode SFP Models

Model Number	Video Extension	Multi-Video	USB Extension	Audio Extension	Link Port
FXXMS-M02K	HDMI 1.4	Dual-Video	USB 2.0	3.5mm SPK 3.5mm MIC	SFP Module x 2 (Duplex LC)
FXXPS-M02K	DP (MAX. 4K@30Hz, 4:4:4)				

* 10~70KM Single-Mode SFP Module Options (Duplex LC Connector)

Connection Pattern

