

FXDA-M043



DVI KVM Extender over Multi-Mode Fiber with USB 2.0, Audio, IR, 1KM

Specifications

Model Number	Computer Unit	Console Unit
FXDA-M043	FXDA-043P	FXDA-043S
MAX. Resolution	1920x1080@60Hz (4:4:4)	
Video Extension	DVI x 1 (In)	DVI x 1 (Out)
USB 2.0 Extension	USB-B x 1	USB-A x 3
Speaker Extension	3.5mm SPK Jack x 1 (In)	3.5mm SPK Jack x 1 (Out)
Microphone Extension	3.5mm MIC Jack x 1 (Out)	3.5mm MIC Jack x 1 (In)
IR Extension	3.5mm IR Jack x 1 (Out)	3.5mm IR Jack x 1 (In)
HDCP Compliance	HDCP 1.4	
Fiber Link Port	1.25Gbps Multi-Mode SC Duplex x 1 (Wavelength : 850nm)	
SC Fiber Cable	Duplex OM2 or OM3 or OM4 (50/125 μm)	
Extension Range	MAX. 1KM with OM3 or OM4 MAX. 250M with OM2	
LED Indicators	Status x 1	
Push Buttons	Reset x 1	Reset x 1
Power Supply	DC 9V~12V	DC 9V~12V
Operation Environment	0~40°C, Humidity<80%	
Storage Temperature	-20~60°C	
Material	Aluminum	
H x W x D (mm)	28 x 130 x 130	28 x 130 x 130
Weight (g)	380	380

Features

- Allows Reliable Remote Access of a Computer via a Fiber Cable Up to 1KM (3,280 feet)
- DVI Video Supports Most Popular Resolutions Up to 1080P
- HDCP 1.4 Compliance Ensures Uninterrupted Video Playback
- USB 2.0 Extension Transparently Supports Keyboard, Mouse, Camera, and Other Devices
- Independent Audio Extension Allows Speaker and Microphone Applications
- IR Extension from Console Unit to Computer Unit Facilitates IR Control of AV Sources
- Immunity to High EMI Environment by Fiber System
- Plug-and-Play, No Driver or Software Required
- Support Windows / Mac / Linux / Chrome O.S.
- Interoperability among HDMI / DVI / DisplayPort Models (Fiber Interface Must be The Same)
- Allows Wide Power Input Range Up to DC 48V
- Video Extender Models Also Available

Product Family

Model	Video Interface	MAX. Resolution	Serial Extension	Fiber Transceiver Type	Extension Distance
FXDA-M033	DVI	1080P	No	Single-Mode*	10KM
FXDA-M043				Multi-Mode	1KM
FXMA-M033	HDMI 1.4	4K@30Hz		Single-Mode*	10KM
FXMA-M043				Multi-Mode	1KM
FXPA-M033	DisplayPort	4K@30Hz		Single-Mode*	10KM
FXPA-M043				Multi-Mode	1KM
FXDS-M033	DVI	1080P	Yes	Single-Mode*	10KM
FXDS-M043				Multi-Mode	1KM
FXMS-M033	HDMI 1.4	4K@30Hz		Single-Mode*	10KM
FXMS-M043				Multi-Mode	1KM
FXMS-M02K				SFP Module	0~70KM
FXPS-M033	DisplayPort	4K@30Hz		Single-Mode*	10KM
FXPS-M043				Multi-Mode	1KM
FXPS-M02K				SFP Module	0~70KM

* Certain Models Available with Bulk Orders

** Dual-Monitor Models Available by Request



Overview

The DVI KVM Extender over Multi-Mode Fiber with USB 2.0, Audio, IR, 1KM, FXDA-M043, enables 1KM remote access to a computer's DVI video, USB 2.0, Audio, plus IR for more controls.

Connection Pattern

