

MAX. 70KM

FNKMU-M04K (4K) FNXMU-M03K (1080P)



4K HDMI KVM Extender over Single-Mode Fiber with USB 2.0, Audio, IR, Serial, 10~70KM

Specifications

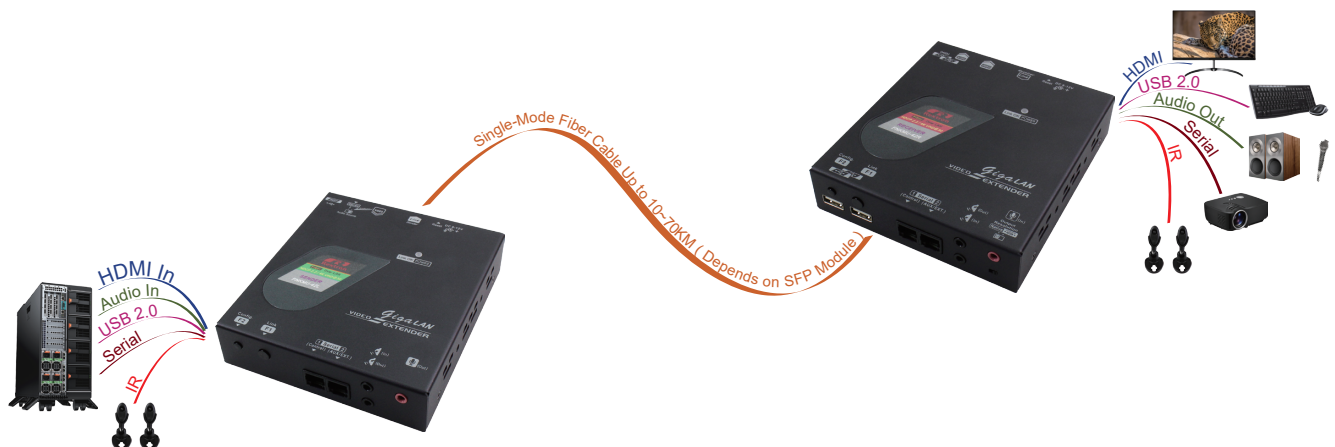
Model Number	Computer Unit	Console Unit
FNKMU-M04K	FNKMU-04KL	FNKMU-04KR
FNXMU-M03K	FNXMU-03KL	FNXMU-03KR
MAX. Resolution	FNKMU-M04K : 3840x2160@30Hz (4:4:4) FNXMU-M03K : 1920x1080@60Hz (4:4:4)	
Video Extension	HDMI x 1 (In)	HDMI x 1 (Out)
USB 2.0 Extension	USB-B x 1	USB-A x 4
Speaker Extension	3.5mm SPK Jack x 1 (In) (Audio Embed Function)	3.5mm SPK Jack x 1 (Out) (Audio Extract Function)
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)	3.5mm IR Jack x 1 (In) 3.5mm IR Jack x 1 (Out)
Serial Extension	RJ11 x 1	RJ11 x 1
Serial Control	RJ11 x 1	RJ11 x 1
HDCP Compliance	HDCP 1.4	
Fiber Link Port (SFP Module)	1.25Gbps Single-Mode LC Duplex x 1 (Wavelength : 1310 nm)	
SC Fiber Cable	Duplex OS1 or OS2 (9/125 μm)	
Extension Range	MAX. 10~70KM with OS1 or OS2 (Depend on Module)	
LED Indicators	Status x 1	
Push Buttons	Reset x 1, Function x 2	Reset x 1, Function x 2
Power Supply	DC 12V	DC 12V
Operation Environment	0~40°C, Humidity<80%	
Storage Temperature	-20~60°C	
Material	Metal	
H x W x D (mm)	28 x 117 x 130	28 x 117 x 130
Weight	675	675



Overview

The 4K HDMI KVM Extender over Single-Mode Fiber with USB 2.0, Audio, IR, Serial, 10~70KM, FNKMU-M04K, enables 10~70KM remote access to a computer's 4K HDMI 1.4 video, USB 2.0, Audio, plus IR and Serial for more controls.

Connection Pattern



Features

- Allows Reliable Remote Access of a Computer via a Single-Mode LC Fiber Cable Up to 10~70KM
- SFP Modular Design Enables Flexible Range
- HDMI 1.4 Video Supports Most Popular Resolutions Up to 4K@30Hz (4:4:4)
- HDCP 1.4 Compliance Ensures Uninterrupted Video Playback
- USB 2.0 Extension Transparently Supports Keyboard, Mouse, USB Storage, and Others
- Front and Rear USB Ports Allow Easy Access
- Audio Extension Allows Embedded Audio and Audio Extraction
- Bidirectional IR Extension Facilitates IR Control of AV Sources or Monitors
- RS232 Serial Extension Allows for Extensive Control Applications
- Immunity to High EMI Environment by Fiber System
- Plug-and-Play, No Driver or Software Required
- Support Windows / Mac / Linux / Chrome O.S.

Product Family

Model	Video Interface	MAX. Resolution	Local Console	Built-in Power	SFP Module Options
FNXDU-M03K	DVI	1080P	No	No	w/o Module 10KM Module 20KM Module 30KM Module 70KM Module
FNXDU-M03KA2			Yes		
FNXDU-MQ03K	Dual DVI	Dual 1080P	No	Yes	
FNXXDU-M23K			No		
FNKMU-M04K	HDMI	4K@30Hz	No	No	
FNXMU-M03K		1080P			

* Certain Models Available with Bulk Orders