FNKMU-M04K Series

10/20/30/70KM 4K HDMI Extender with USB 2.0 over Fiber

Specifications

Model		Transmitter	Receiver
FNKMU-M04K-70		FNKMU-04K-70L	FNKMU-04K-70R
Video	Input Interface	HDMI x 1	N/A
Audio		Analog Stereo x 1	Microphone In x 1
Video	Output Interface	N/A	HDMI x 1
Audio		Microphone Out x 1	Analog Stereo x 1
LED Indicators (Power / Connection Status)		Multi-color x 1	Multi-color x 1
USB Interface		USB-B x 1	USB-A 2.0 x 2 USB-A 1.1 x 2
Video Resolution (Max.)		4K UHD (3840 x 2160 @ 30 Hz) Full HD (1920 x 1080)	
Interconnection		Standard SFP Module Connector*	
Serial Port		RJ12 x 1 (Serial Extension) RJ12 x 1 (Serial Control)	
IR Extension		Bi-Directional	
Power Supply		DC 12V	
H x W x D (mm)		28 x 117 x 130	
Weight (g)		670~680 (Each Unit)	

* It is compatible with standard1.25G SFP Modules.
Rextron also provides extender with module, please see **Order Information**.

Also available

FNXD-M03K series: 10/20/30/70KM Full HD DVI Extender over Fiber
FNXDU-M03K series: 10/20/30/70KM Full HD DVI Extender over Fiber with USB Function

Features

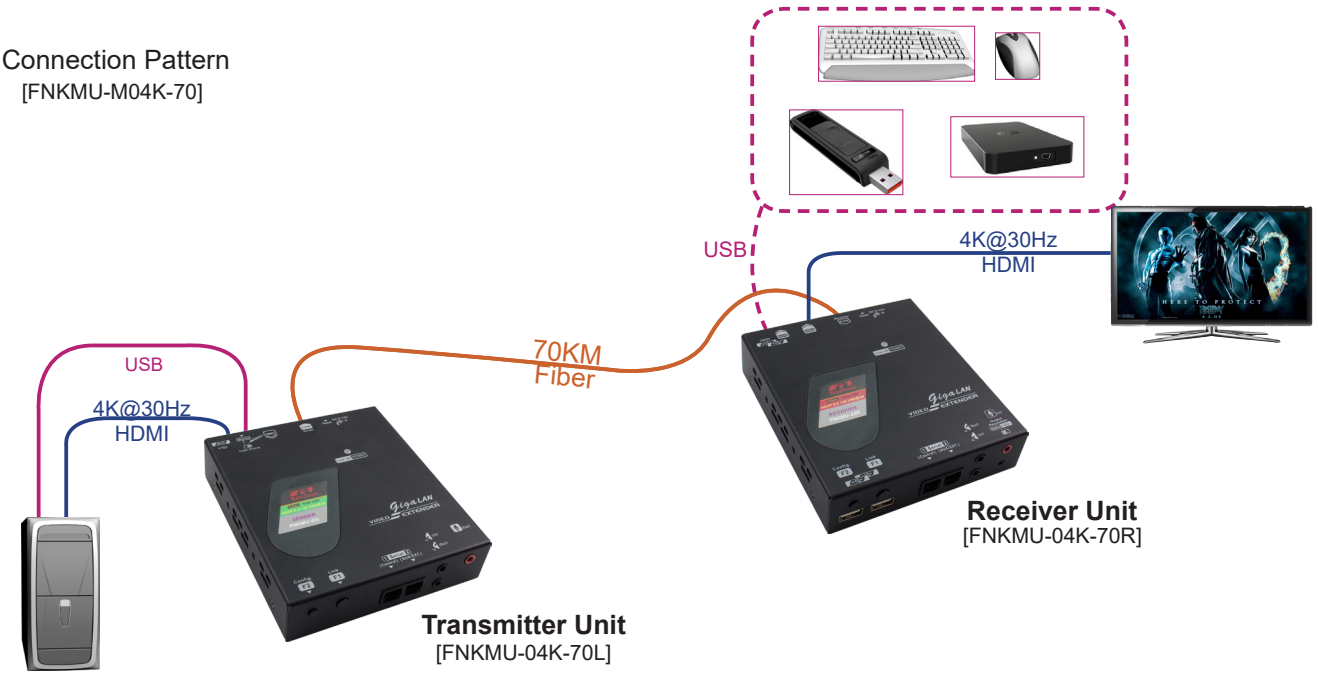
- Extend HDMI + USB Signal via Duplex LC Fiber Optic Cable up to 70 KM (Depending on Model)
- Suitable for Most of Popular USB Devices (e.g. USB Sticks, External Hard Disk Drives etc.)
- Automatic EDID Configuration
- HDMI 1.4, HDCP 2.2 Compliant and Blu-Ray Ready
- EDID Copy and EDID Emulation Function Ensure Accurate Output Display
- High Speed and Long Distance Transmission by Optical System
- Support Serial Interface for Instant Data Transfer
- Completely Free of Electromagnetic Interference (EMI)
- Compatible with Most of The Popular Screen Resolution up to 4K@30Hz System
- IR Bi-Directional Extension

Order Information (4K@30Hz)

Model	Transmitter	Receiver	Distance
FNKMU-M04K-10	FNKMU-04K-10L	FNKMU-04K-10R	10KM
FNKMU-M04K-20	FNKMU-04K-20L	FNKMU-04K-20R	20KM
FNKMU-M04K-30	FNKMU-04K-30L	FNKMU-04K-30R	30KM
FNKMU-M04K-70	FNKMU-04K-70L	FNKMU-04K-70R	70KM

Relative Products (1080p)

Model	Transmitter	Receiver	Distance
----------Replaceable Fiber Module----------			
FNXMU-M03K-10	FNXMU-03K-10L	FNXMU-03K-10R	10KM
FNXMU-M03K-20	FNXMU-03K-20L	FNXMU-03K-20R	20KM
FNXMU-M03K-30	FNXMU-03K-30L	FNXMU-03K-30R	30KM
FNXMU-M03K-70	FNXMU-03K-70L	FNXMU-03K-70R	70KM
----------Fixed Fiber Module----------			
FNXMU-M10K	FNXMU-10KL	FNXMU-10KR	10KM
FNXMU-M15K	FNXMU-15KL	FNXMU-15KR	15KM

Connection Pattern

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