

EXMS-M043



4K HDMI KVM Extender over CAT.x Cable with USB 2.0, Audio, IR, Serial, 150M

Specifications

Model Number	Computer Unit	Console Unit
EXMS-M043	EXMS-043P	EXMS-043S
MAX. Resolution	3840x2160@30Hz (4:4:4)	
Video Extension	HDMI 1.4 x 1 (In)	HDMI 1.4 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)
Serial Extension	DB-9 x 1 (RS-232 DCE)	DB-9 x 1 (RS-232 DTE)
HDCP Compliance	HDCP 1.4	
Link Port	RJ45 x 1	
CAT.x Cable	CAT.5e / 6 / 7	
Extension Range	MAX. 150M (Point-to-Point)	
LED Indicators	Status x 1	
Push Buttons	Reset x 1	Reset x 1, Function x 2
Power Supply	DC 12V~48V (PoC)	DC 12V~48V (PoC)
Operation Environment	0~40°C, Humidity<80%	
Storage Temperature	-20~60°C	
Material	Aluminum	
H x W x D (mm)	27 x 121 x140	27 x 121 x 140
Weight (g)	350	350

*User Must Apply Stand-Alone V-LAN to Isolate The Extender from Other Devices. The Switching HUB Must Have V-LAN Function. **Do Not Apply PoE Switching HUB !**

Also Available : 1KM / 10KM Fiber KVM/Video Extenders



Overview

4K HDMI KVM Extender over CAT.x Cable with USB 2.0, Audio, IR, Serial, 150M, EXMS-M043, enables 150M 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 CAT.x Cable Up to 150 meters (492 feet)
- 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, Camera, and Other Devices
- Front and Rear USB Ports Allow Easy Access
- Smart Audio Extension Allows Embeded Audio and Audio Extraction
- IR Extension from Console Unit to Computer Unit Facilitates IR Control of AV Sources
- Serial Extension with Selectable Baud Rate Allows for Extensive Control Applications
- Plug-and-Play, No Driver or Software Required
- Support Windows / Mac / Linux / Chrome O.S.
- Interoperability among HDMI / DVI / DisplayPort Models
- Allows Wide Power Input Range DC 12~48V
- PoC (Power over Cable) Allows The Power Transmission from Either Tx-to-Rx or Rx-to-Tx

Product Family

Model	Video Interface	MAX. Resolution	USB 2.0 Extension	Extension Distance
EVDS-M033	DVI	1080P	No	150M (Point-to-Point)
EVDS-M043	HDMI 1.4	4K@30Hz (4:4:4)		
EVMS-M033				
EVMS-M043				
EVPS-M033	DisplayPort	1080P	Yes	
EVPS-M043				
EXDS-M033	DVI	1080P	Yes	
EXDS-M043	HDMI 1.4	4K@30Hz (4:4:4)		
EXMS-M033				
EXMS-M043				
EXPS-M033	DisplayPort	4K@30Hz (4:4:4)	Yes	
EXPS-M043				

* Certain Models Available with Bulk Orders

** Dual-Monitor Models Available by Request