

# EXPS-M043



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

### Specifications

Model Number	Computer Unit	Console Unit
EXPS-M043	EXPS-043P	EXPS-043S
MAX. Resolution	3840x2160@30Hz ( 4:4:4 )	
Video Extension	DisplayPort x 1 ( In )	DisplayPort 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 x 140	27 x 130 x 140
Weight ( g )	350	400

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



### Overview

The 4K DisplayPort KVM Extender over 150M CAT.x Cable, EXPS-M043, enables 150M remote access to a computer's 4K Displayport 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 )
- DisplayPort Video Supports Most Popular Resolutions Up to 4K@30Hz ( 4:4:4 )
- Support Special Aero/Marine Resolution of 2048x2048@60Hz ( 4:4:4 )
- HDCP 1.4 Compliance Ensures Uninterrupted Video Playback
- USB 2.0 Extension Transparently Supports Keyboard, Mouse, USB Drive, and Others
- 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
- Connection May Go Through V-LAN Enabled HUB
- 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 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-toPoint)
EVDS-M043				
EVMS-M033	HDMI 1.4	4K@30Hz ( 4:4:4 )		
EVMS-M043				
EVPS-M033	DisplayPort	4K@30Hz ( 4:4:4 )		
EVPS-M043				
EXDS-M033	DVI	1080P	Yes	
EXDS-M043				
EXMS-M033	HDMI 1.4	4K@30Hz ( 4:4:4 )		
EXMS-M043				
EXPS-M033	DisplayPort	4K@30Hz ( 4:4:4 )		
EXPS-M043				

\* Certain Models Available with Bulk Orders

\*\* Dual-Monitor Models Available by Request