

4K2K HDMI Repeater with IR, Ethernet & Serial Extending for CATx extender

Specifications

Model	Repeater Unit	
	EVBMN-1492X	EVBMN-1292X
Video Input	(Remote)RJ-45 x 1 (Local)HDMI x 3	(Remote)RJ-45 x 1 (Local)HDMI x 1
Video Output	(Remote) RJ-45 x 1 (Local) HDMI x 1	
Ethernet Extension	RJ-45 x 3 (10/100 Mbps)	
IR Extension	x 2 (Transceiver x 1 + Receiver x 1)	
Serial Extension	DB9-F x 1	
LED Indicator	Status LED	1
	Input / Output LED	4 + 2
Slide Switch	Audio/Video EDID Setting	Audio / Video / Inventory
	EGO (Advanced Auto-sensing) Setting	Priority / Auto-sensing / Switch
	Serial Linking Setting	4 positions
Push Button	Function	x 1
	Source Selection	x 4
	EDID Copy	x 2 (Local x 1 + Remote x 1)
Video Resolution (max.)	UHD (3840 x 2160)	
Extension Distance	100M	
Power Supply	DC 12V	
Enclosure	Metal	
H x W x D (mm)	34 x 190 x 125	
Weight (g)	1020~1070	

*Video quality and extension distance are in accordance with the quality of CATx cable. Please use appropriate cables for the best video performance.

*CATx HDMI Repeaters without Ethernet are also available.

For details, please see: **EVBMS-1272X**, **EVBMS-1292X** or **EVBMS-1492X**

You May Also Need:

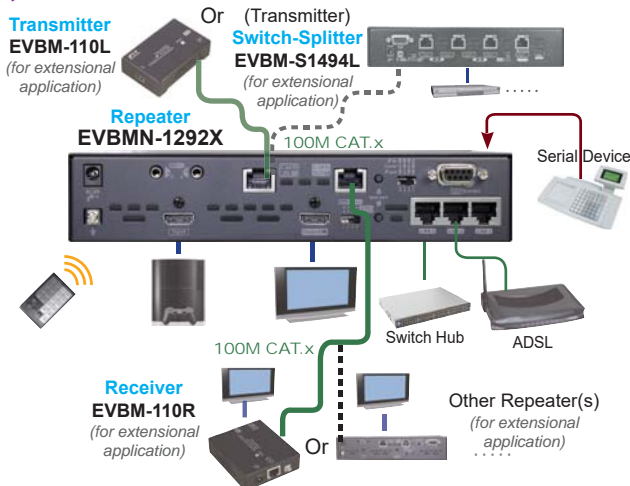
Transmitters

Model	Extension Distance	Function
EVBM-107L	70M	CATx HDMI Transmitter
EVBM-110L	100M	CATx HDMI Transmitter
EVBMN-110L	100M	CATx HDMI Transmitter
EVBM-S1074L	70M	CATx HDMI Switch-Splitter
EVBM-S1474L	70M	CATx HDMI Switch-Splitter
EVBM-S1094L	100M	CATx HDMI Switch-Splitter
EVBM-S1494L	100M	CATx HDMI Switch-Splitter

Receivers

Model	Extension Distance	Function
EVBM-107R	70M	CATx HDMI Receiver
EVBM-110R	100M	CATx HDMI Receiver
EVBMN-110R	100M	CATx HDMI Receiver

Connection Pattern



*actual product may vary from photos

Features

- Repeater function which can deliver HDMI signal to multimedia displays over a CAT5e/6 cable up to 100 meters
- 100BaseT Ethernet Pass-Thru enables simultaneously distribute HDMI and Ethernet streaming videos from each source to each display
- Advanced design which allows the device to be cascaded
- Provide various ways to control via
 - (1) Push buttons on the front panel
 - (2) IR remote controller
- Duplicate or even add a second video signal to achieve multicast distribution that sends multiple sources to multiple displays in separate locations
- RS 232 Slide Switch for configuring two-way communication between the device, the transmitter, or the receiver
- Additional local input port(s) available on each device
- Can be connected to the transmitter or receiver over LAN
- HDTV, 3D HDTV compatible; HDCP compliant and Blu-ray ready
- Support resolutions up to UHD (3840 x 2160), Full HD 1080p, 2048 x 1152, Deep Color and HD Audio formats
- Bi-directional IR & Serial (depending on the model)
- Ideal for receiving guests (for hotels and conference rooms) or digital signage (for airports or shopping malls), surveillance cameras, whole-home networking, or point-to-point applications

Exclusive EDID Function

- Multi-functions for EDID setting, like EDID Copy and EDID Pre-setting, ensuring accurate output display

- Enable separately learn Audio and Video EDID for multimedia/ Home Theater system integration

- Read and store the EDID from the connecting display to the video extension

EGO (Advanced Auto-Sensing) Function*

- Versatile port selection functions of Priority, Auto-sensing and Switch modes

- User-friendly port switching via button pressing or priority setting

*Depending on the model

