

4K HDMI Extender over CAT.x Cable with IR, Serial, LAN Extensions, PoH, 100M, Long Reach

Specifications

Model Number	Transmitter	Receiver
EVBMN-M210	EVBMN-210L	EVBMN-210R
MAX. Resolution	3840x2160@30Hz (4:4:4) 3840x2160@60Hz (4:2:0)	
Video Extension	HDMI 1.4 x 1 (In)	HDMI 1.4 x 1 (Out)
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	DB9 x 1 (DCE)	DB9 x 1 (DTE)
LAN Extension	RJ45 x 3 (10/100Mbps)	RJ45 x 3 (10/100Mbps)
HDCP Compliance	HDCP 1.4	
HDBaseT Interface	RJ45 x 1 (CAT.5e/6/7)	
Extension Range	MAX. 70 Meters@4K MAX. 100 Meters@1080P MAX. 150 Meters@1080P (Long Reach)	
Power Supply	DC 48V (PoH, Send Power)	Optional DC 12V (PoH, Receive Power)
Operation Environment	0~40°C, Humidity<80%	
Storage Temperature	-20~60°C	
Material	Metal	
H x W x D (mm)	38 x 140 x 85	
Weight (g)	500	500

*24AWG STP cabling is recommended for environments with high EMI or RFI. For the best performance results, please refer to the manual for further details.

Features

- Transmits Uncompressed HDMI Video to A Remote Display via a CAT.x Cable Up to 100 Meters (328 feet) (150M, Long-Reach Enabled)
- HDMI Video Supports Most Popular Resolutions Up to 4K@30Hz (4:4:4)
- HDBaseT Uncompressed Video Extension Ensures Crystal Clear Image and Low Latency
- HDR10 Support for Best Visual Experience
- HDCP 1.4 Compliance Ensures Uninterrupted HD and UHD Video Playback
- Support HDMI CEC
- Bidirectional IR Extension Facilitates Remote Control of Sources or TVs
- Serial Extension Allows for Extensive Control Applications
- LAN Extension Allows for Local and Remote LAN Sharing
- PoH (Power over HDBaseT) Allows The Receiver to Be Powered by The Transmitter (DC 48V)
- Plug-and-Play without Software or Driver



Overview

The 4K HDMI Extender over CAT.x Cable with IR, Serial, LAN Extensions, PoH, 100M, EVBMN-M210, Transmits Uncompressed HDMI Video to A Remote Display via A CAT.x Cable Up to 100 Meters.

Product Family

Model	Video & Range	IR	RS232	PoH / PoC	Ethernet	Long Reach
EVBPR-M139	HDMI 4K@30Hz (4:4:4) Up to 100 Meters	2-Way	N/A	PoC	N/A	Yes
EVBMS-M110		1-Way	Yes	PoC		N/A
EVBMR-M310ES		2-Way	N/A	PoH ^(R)		Yes
EVBMR-M210		2-Way	N/A	PoH		Yes
EVBMR-M110		2-Way	N/A	PoC		N/A
EVBMN-M210		(EVBPR-M139 : DisplayPort)	2-Way	Yes	PoH	Yes
EVBMN-M110	2-Way		Yes	PoC	Yes	No
EVBMS-310ES	N/A		N/A	PoH ^(R)	N/A	N/A
EVBMS-M110	N/A		N/A	PoC		
EVBPR-M137	HDMI 4K@30Hz (4:4:4) Up to 70 Meters		2-Way	N/A	PoC	N/A
EVBMS-M107		N/A	Yes	PoC		
EVBMR-M307ES		2-Way	N/A	PoH ^(R)		
EVBMR-M207		2-Way	N/A	PoH		
EVBMR-M107		2-Way	N/A	PoC		
EVBMS-307ES		(EVBPR-M137 : DisplayPort)	N/A	N/A	PoH ^(R)	N/A
EVBMS-M107	N/A		N/A	PoC		

PoH^(R): Supplies Power from The Receiver
(Normal PoH Supplies Power from The Transmitter)

Connection Pattern

