

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

### ► Specifications

Model Number	Transmitter	Receiver
<b>EVBMN-M110</b>	<b>EVBMN-110L</b>	<b>EVBMN-110R</b>
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 12V ( PoC )	DC 12V ( PoC )
Operation Environment	0~40°C, Humidity<80%	
Storage Temperature	-20~60°C	
Material	Metal	
H x W x D ( mm )	36 x 140 x 85	
Weight ( g )	420	435

\*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 )
- HDMI Video Supports Most Popular Resolutions Up to 4K@30Hz ( 4:4:4 )
- HDR10 Support for Best Visual Experience
- HDCP 1.4 Compliance Ensures Uninterrupted HD and UHD Video Playback
- Support HDMI CEC
- HDBaseT Uncompressed Video Extension Ensures Crystal Clear Image and Low Latency
- 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
- PoC ( Power over Cable ) Allows The Power Transmission from Either Tx-to-Rx or Rx-to-Tx
- Plug-and-Play without Software or Driver

### ► Product Family

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

\*Supplies Power from The Receiver ( Normal PoH Supplies Power from The Transmitter )

### ► Overview

The 4K HDMI Extender over CAT.x Cable with IR, Serial, LAN Extensions, PoC, 100M, EVBMN-M110, transmits uncompressed HDMI video to a remote display via A CAT.x Cable Up to 100 Meters.

### ► Connection Pattern

