

## 4K HDMI Extender over CAT.x Cable with Bidirectional IR, PoC, 100M

### ► Specifications

Model Number	Transmitter	Receiver
EVBMR-M110	EVBMR-110L	EVBMR-110R
EVBMR-M107	EVBMR-107L	EVBMR-107R
MAX. Resolution	3840x2160@30Hz ( 4:4:4 ) 3840x2160@60Hz ( 4:2:0 )	
Video Extension	HDMI x 1 ( In )	HDMI 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 )
HDCP Compliance	HDCP 1.4	
HDBaseT Interface	RJ45 x 1 ( CAT.5e/6/7 )	
Extension Range	MAX. 70M@4K, 100M@1080P ( -M110 ) MAX. 35M@4K, 70M@1080P ( -M107 )	
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 )	20 x 50 x 80	23 x 67 x 80
Weight ( g )	175	260

### ► Features

- Allows Reliable Remote Access of An HDMI Video Source 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
- Plug-and-Play without Software or Driver
- HDBaseT Uncompressed Video Extension Ensures Crystal Clear Image and Low Latency
- Bidirectional IR Extension Facilitates Remote Control of Sources or TVs
- PoC ( Power over Cable ) Allows The Power Transmission from Either Tx-to-Rx or Rx-to-Tx
- Ideal for Office, Education, Government, House of Worship, Home Entertainment



### ► Overview

The 4K HDMI Extender over CAT.x Cable with Bidirectional IR Extension, PoC, 100M, EVBMR-M110, allows reliable remote access of an HDMI video source 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 <b>100 Meters</b>	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>	N/A	Yes	
EVBMR-M210		2-Way	N/A	PoH		Yes	
* EVBMR-M110		2-Way	N/A	PoC	Yes	N/A	
EVBMN-M210		2-Way	Yes	PoH		Yes	
* EVBMR-M110		( EVBPR-M139 : DisplayPort )	2-Way	Yes	PoC	Yes	No
EVBMR-M110		2-Way	Yes	PoH	Yes		
EVBMR-M110		( EVBPR-M139 : DisplayPort )	2-Way	Yes	PoC	N/A	N/A
EVBMR-M110		2-Way	Yes	PoH	Yes		
EVBPR-M137	HDMI 4K@30Hz ( 4:4:4 ) Up to <b>70 Meters</b>	2-Way	N/A	PoC	N/A	N/A	
EVBMS-M107		1-Way	Yes	PoC			
EVBMR-M307ES		2-Way	N/A	PoH <sup>(R)</sup>	N/A		
EVBMR-M207		2-Way	N/A	PoH			
* EVBMR-M107		2-Way	N/A	PoC	N/A		
EVBMR-M107		2-Way	N/A	PoH <sup>(R)</sup>			
EVBMR-M107		( EVBPR-M137 : DisplayPort )	2-Way	N/A	PoC		N/A
EVBMR-M107		2-Way	N/A	PoH <sup>(R)</sup>			
EVBMR-M107	( EVBPR-M137 : DisplayPort )	2-Way	N/A	PoC	N/A		
EVBMR-M107	2-Way	N/A	PoH <sup>(R)</sup>				

PoH<sup>(R)</sup>: Supplies Power from The Receiver  
( Normal PoH Supplies Power from The Transmitter )

### ► Connection Pattern

