

4K HDMI Extender over CAT.x Cable with PoH, 100M

Specifications

Model Number	Transmitter	Receiver
EVBM-M310ES	EVBM-310EL	EVBMR-310SR
EVBM-M307ES	EVBM-307EL	EVBMR-307SR
MAX. Resolution	3840x2160@30Hz (4:4:4) 3840x2160@60Hz (4:2:0)	
Video Extension	HDMI x 1 (In)	HDMI x 1 (Out)
HDCP Compliance	HDCP 1.4	
HDBaseT Interface	RJ45 x 1 (CAT.5e/6/7)	
Extension Range	MAX. 70M@4K, 100M@1080P (-M310ES) MAX. 35M@4K, 70M@1080P (-M307ES)	
Power Supply	(Optional DC 5V)	DC 48V (PoH)
Operation Environment	0~40°C, Humidity<80%	
Storage Temperature	-20~60°C	
Material	Metal	
H x W x D (mm)	26 x 36 x 91	37 x 140 x 85
Weight (g)	110	470

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)
- HDCP 1.4 Compliance Ensures Uninterrupted HD and UHD Video Playback
- HDR10 Support for Best Visual Experience
- Support HDMI CEC
- HDBaseT Uncompressed Video Extension Ensures Crystal Clear Image and Low Latency
- PoH (Power over HDBaseT) Allows The Transmitter to Be Powered by The Receiver (DC 48V)
- Plug-and-Play without Software or Driver
- Ideal for Office, Education, Government, House of Worship, Home Entertainment



Overview

The 4K HDMI Extender over CAT.x Cable, PoH, 100M, EVBM-M310ES, 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
EVBP-R-M139	HDMI 4K@30Hz (4:4:4) Up to 100 Meters (EVBP-R-M139 : DisplayPort)	2-Way	N/A	PoC	N/A	Yes
EVBM-S-M110		1-Way	Yes	PoC		N/A
EVBM-R-M310ES		2-Way	N/A	PoH ^(R)		Yes
EVBM-R-M210		2-Way	N/A	PoH		Yes
EVBM-R-M110		2-Way	N/A	PoC		N/A
EVBM-R-M210		2-Way	Yes	PoH		Yes
EVBM-R-M110		2-Way	Yes	PoC		No
* EVBM-310ES		N/A	N/A	PoH ^(R)		N/A
EVBM-M110		N/A	N/A	PoC		N/A
EVBP-R-M137	HDMI 4K@30Hz (4:4:4) Up to 70 Meters (EVBP-R-M137 : DisplayPort)	2-Way	N/A	PoC	N/A	N/A
EVBM-S-M107		N/A	Yes	PoC		
EVBM-R-M307ES		2-Way	N/A	PoH ^(R)		
EVBM-R-M207		2-Way	N/A	PoH		
EVBM-R-M107		2-Way	N/A	PoC		
* EVBM-307ES		N/A	N/A	PoH ^(R)		
EVBM-M107		N/A	N/A	PoC		

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

Connection Pattern

