

HDMI Extender over CAT5 with IR, Ethernet & Serial Extending

Specifications

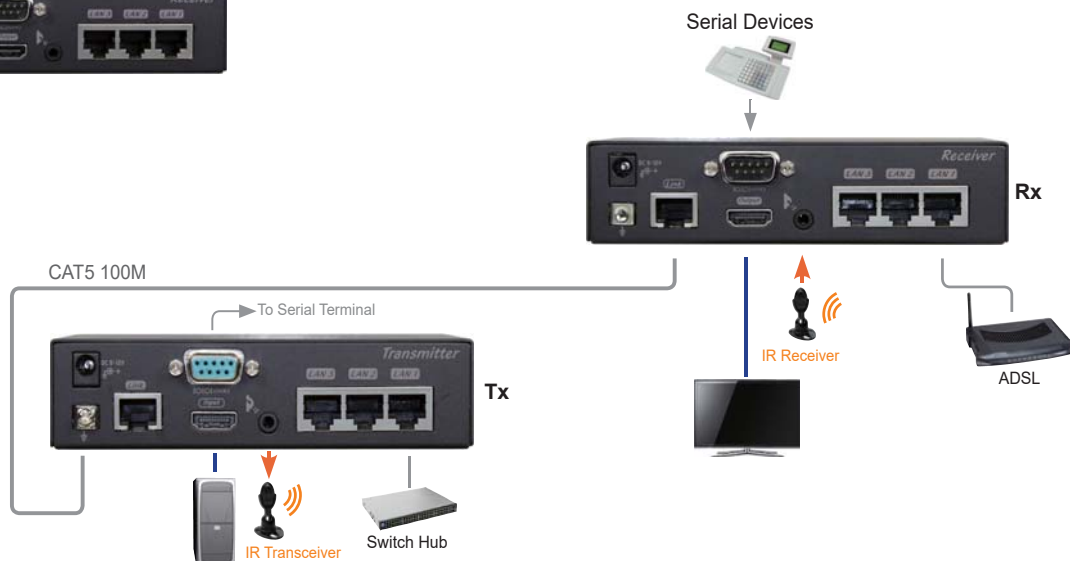
EVBMN-M110	Transmitter Unit	Receiver Unit
	EVBMN-110L	EVBMN-110R
Input → Output	HDMI → RJ-45	RJ-45 → HDMI
LED	Status LED	Dual Color x 1
	LAN LED	Single Color x 3
Video Resolution (max.)	UHD (3840 x 2160 @ 30Hz)	
Extension Distance	Full HD 1920 x 1080 @ 100M UHD 3840 x 2160 @ 70M	
Ethernet Port	RJ-45 x 3	RJ-45 x 3
	10/100 Mbps	
Serial Port	DCE, DB9-F	DTE, DB9-M
	115kbps (max.)	
IR Extension	x 1, IR Transceiver	x 1, IR Receiver
Power Supply	DC 12V (Phantom Power)	
Enclosure	Metal	
Weight (gram)	410~420	
H x W x D (mm)	140 x 85 x 34	

*Above video resolution and extension distance are based on a single CAT5e/6 24AWG solid cable without cascade. STP cabling is recommended for environments with high EMI or RFI. For the best performance results, using stranded cabling or other thinner cables, and coiling of excess cable lengths should be avoided.

Related Products (without Ethernet & Serial function)

Type	100M	70M	Function
Tx + Rx	EVBM-M110	EVBM-M107	CAT5 HDMI Extender Pair
Tx (Splitter)	EVBM-1104L	EVBM-1074L	CAT5 HDMI Splitter (2-in / 4-out) with Auto-sensing function
Tx (Switch-Splitter)	EVBM-S1504L	EVBM-S1474L	CAT5 HDMI Switch-Splitter (4-in / 4-out) with Auto-sensing function

Connection Pattern



Features

- Send HDMI signal to multimedia display over CAT5e/6 cable of up to 100 meters
- Transmit full uncompressed HD video and audio over cable
- 100BaseT Ethernet Pass-Thru; simultaneously distribute HDMI and Ethernet streaming video from source to display
- Low cost standard CAT5e/6 LAN cable; advanced and inexpensive all-in-one connectivity technology
- HDCP compliant and Blu-ray ready
- Support Deep Color, HD-3D video and HD Audio formats
- Support resolution up to Full HD 1080p / 4Kx2K (3840 x 2160)
- Bi-directional LAN & Serial
- Support Phantom Power -- single power supply at either one end of two units (Tx & Rx)
- Compact size; easy to set up; simple to install
- Ideal for hospitality (hotels, conference rooms), digital signage (airports, shopping malls), surveillance cameras, whole-home networking and point-to-point consumer applications