

# EVBMR-1049L (4 Port)

# EVBMR-1089L (8 Port)

4 Port / 8 Port 4K UHD HDMI HDBaseT Splitter Extender  
with Local out & IR / Serial Extension

### ► Specifications

Model		Transmitter Unit	
		EVBMR-1049L EVBMR-1047L	EVBMR-1089L EVBMR-1087L
Video Resolution (Max.)		4K UHD (3840x2160@30Hz, 4:4:4) (3840x2160@60Hz, 4:2:0)	
HDBaseT Link Port Number		RJ45 x 4	RJ45 x 8
Local Video Out		HDMI x 1	
Video In		HDMI x 1	
Auto Easy-Scaling Function		4K to 1920 x 1080 when Connected to 1080p Display Apply to Individual Output Ports Independently	
LED Indicator	Status LED	1	
	Output LED	HDBaseT x 4 Local x 1	HDBaseT x 8 Local x 1
Extension Distance@1080p/4K		EVBMR-1049L: 100M / 70M EVBMR-1047L: 70M / 35M	EVBMR-1089L: 100M / 70M EVBMR-1087L: 70M / 35M
EDID Configuration		Slide Switch x 1 (4K / 1080p / Local / Remote)	
EDID Copy Function		Push Button x 1 (Local) Push Button x 1 (HDBaseT)	
HDCP Configuration		Slide Switch x 1 (Auto / 1.4)	
Serial Extension Function		DB9 x 1 (RS232) Slide Switch x 1 (Port1 / Port2 / Port3 / Port4)	
IR Extension Jack		IR Receiver (Sensor) x 1 IR Transmitter (Blaster) x 1	
IR Control		IR Sensor x 1 (Front)	
Power Supply		DC 12V (System & 1~4 Port PoC) Optional Additional DC 12V (5~8 Port PoC)	
Enclosure		Metal	
H x W x D (mm)		43 x 300 x 170	

\*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.

### ► Features

- Extend HDMI Signal to Multiple HDBaseT Receiver over Cat.5e/6 Up to 100/70 meters
- Uncompressed HDMI **4K (3840x2160@30Hz 4:4:4) (3840x2160@60Hz 4:2:0)**
- Economical Standard Cat.5e/6 LAN Cable Employed
- **EDID** Management / **HDCP** Management
- **Serial Extension** to Port 1~4 Selectable
- Support Deep Color, HD 3D & HD Audio formats
- **Controlling On/Off of Each HDBaseT** Port with IR Remote Control Yields Convenience
- **Bi-Directional IR** Extension to 8 Remote Units Simultaneously
- **HDR @ 4K60FPS (Local) & 4K30FPS (HDBaseT)**

### ► Highlight Features

#### Exclusive Auto Easy-Scaling Function ( VR Support)

- Scale Down 4K Signal to 1920 x 1080 when Output Connected to 1080p Display or VR Helmets

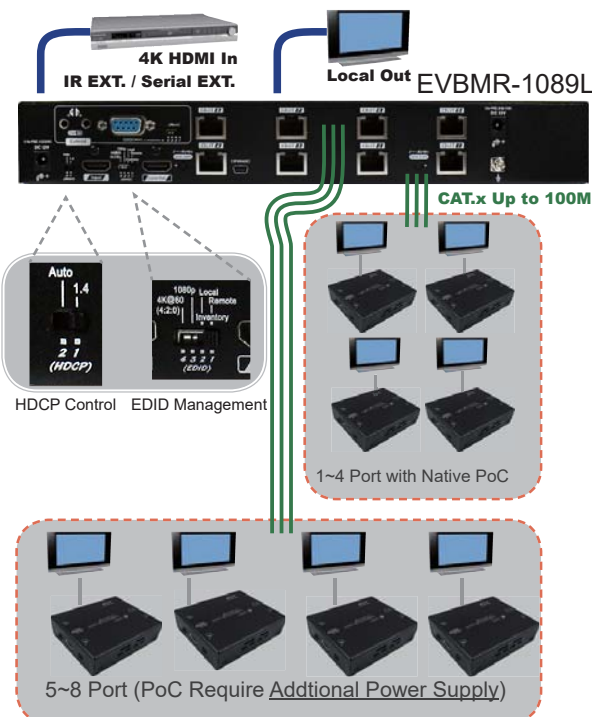
#### PoC Function ( Power over Cable)

- Provide Power to Remote Units via Cat.5e Cables

#### Local out

- Local HDMI out Provided on Each Model for Local Monitoring Purpose

### ► Connection Pattern



Receiver: EVBMR-110R (100M)  
EVBMR-107R ( 70M )



EVBMR-1089L

### ► HDBaseT 1.0 Standard Splitter

Type	1080p @ 100M 4K UHD @ 70M	1080p @ 70M 4K UHD @ 35M	Note
4 Port Splitter	EVBMR-1049L	EVBMR-1047L	Standard Splitter
8 Port Splitter	EVBMR-1089L	EVBMR-1087L	
Receiver	EVBMR-110R	EVBMR-107R	Standard Receiver
	EVBMR-110R	EVBMR-107R	IR
	EVBMS-110R	EVBMS-107R	Serial + IR

### ► HDBaseT 2.0 EFT Enhanced Splitter

Type	1080p @ 100M 4K UHD @ 100M*	1080p @ 70M 4K UHD @ 35M	Note
4 Port Splitter	EVBMR-2049L	EVBMR-2047L	EFT Enhanced Product
8 Port Splitter	EVBMR-2089L	EVBMR-2087L	
Receiver	EVBMR-2010R	EVBMR-2007R	Serial+IR

\*100M@Cat.6 , 90M@Cat.5e