HDBT™
4K UHD

EVBPR-M137 (70M)
EVBPR-M139 (100M)

Rextron

4K UHD DisplayPort Extender over Cat.5e with IR Extension

▶ Specifications

Model	Transmitter	Receiver
EVBPR-M137	EVBPR-137L	EVBPR-137R
EVBPR-M139	EVBPR-139L	EVBPR-139R
Input	DisplayPort x 1	RJ-45 x 1
Output	RJ-45 x 1	DisplayPort x 1
IR Extension	Receiver x1 Transmitter x 1	Receiver x 1 Transmitter x 1
LED (Power / Video Status)	x 1 (Multi-Color)	x 1 (Multi-Color)
Video Resolution (Max.)	**4K UHD (3840 x 2160 @ 30Hz)** Full HD (1920 x 1080 @ 60Hz)	
Extension Distance*	**4K UHD (3840 x 2160) @ 35M** Full HD (1920 x 1080) @ 70M	
	4K UHD (3840 x 2160) @ 70M Full HD (1920 x 1080) @ 100M	
Enclosure	Metal	
Dimension H x W x D (mm)	30 x 66 x 102	
Power Supply	DC 12V (Either unit)	

*Above video resolution and extension distance are based on a single CATx 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 DisplayPort Signal up to 70 / 100 Meters
- Uses HDBaseT™ technology
- Support **Phantom Power (PoC)**-- Single Power Supply at Either One End of Two Units (Tx & Rx)
- **EDID Migration** Ensures The Optimum Video Performance
- Support Resolutions Up to **4K UHD** and Full HD 1080p
- **HD-3D** Compatible; Support Up to 1080p
- Compatible with Most Popular Screen Resolution Up to 4K UHD System
- **HDCP** Compliant and Blu-ray Ready
- Plug-and-Play System without Any Drivers or Software Installation
- **Bi-Directional IR Extension**
- Diversified and Flexible Video Input and Output Selection Allowing Users to Select HDMI or DisplayPort to the Extension System
- HDBaseT **Long Reach** Function for 100M Model to Extend Up to 150M (Limit to 1080p)

▶ Connection Pattern

DisplayPort cable

Power Apply at Only Either One End (**Phantom Power**)

Transmitter Unit

Cat.5e Cable

Receiver Unit

DisplayPort cable

IR Receiver   IR Transceiver

IR Receiver   IR Transceiver

TLPR52 TLPR50
TLPR62 TLPR60