

HDBaseT Receiver with 4K Scaler Function, IR EXT., Serial Control, Audio Extract, Tx Switching Control, PIP/PBP

Specifications

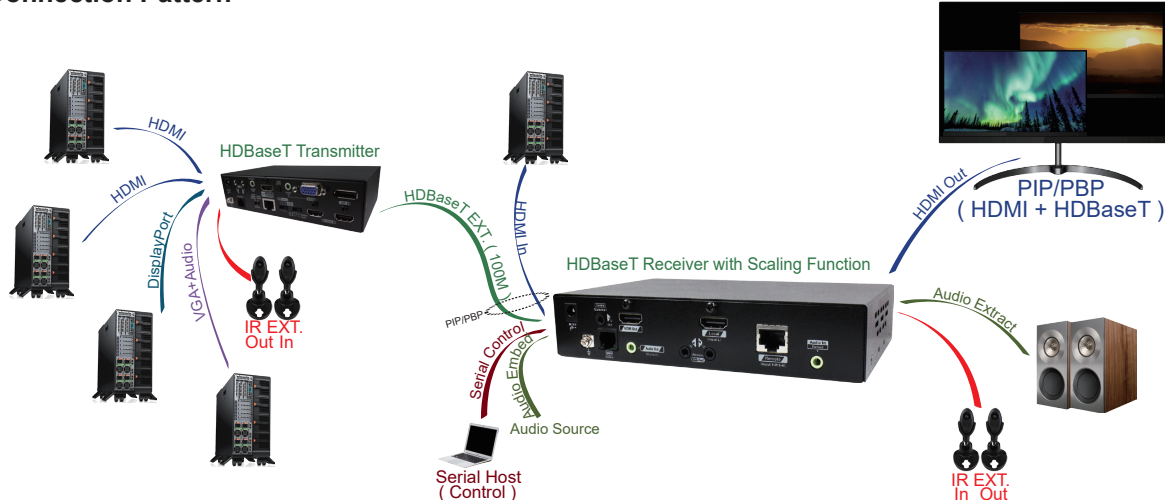
Model Number	Receiver	Transmitter (Available)
	EVBM-K1029R	EVBMC-1491LA1
	EVBM-K1027R	EVBMC-1471LA1
MAX. Resolution	3840x2160@30Hz (4:4:4) 3840x2160@60Hz (4:2:0)	
Video Input (PIP / PBP)	RJ45 x 1 (HDBaseT) HDMI x 1	HDMI x 2 VGA+Audio x 1 DisplayPort x 1
Audio Input	3.5mm x 1 (Embed)	-
Video Output	HDMI x 1 (PIP / PBP)	RJ45 x 1 (HDBaseT) HDMI x 1 (Local)
Audio Output	3.5mm x 1 (Extract)	3.5mm x 1 (Extract)
Serial Control	RJ11 x 1 (38400bps)	RJ11 x 1 (38400bps)
IR Extension	IR Receiver x 1 (In) IR Transmitter x 1 (Out)	IR Transmitter x 1 (Out) IR Receiver x 1 (In)
Extra Functions	4K Scaler OSD Control Tx Switching Control IR Control (Front) Seamless Video Swap	EDID Management Auto Switch Long Reach (-1491LA1) IR Control (Front)
HDCP Compliance	HDCP 1.4	
HDBaseT Interface	RJ45 x 1 (CAT.5e/6/7)	
Extension Range	MAX. 70M@4K, 100M@1080P (-K110R) MAX. 35M@4K, 70M@1080P (-K107R)	
Power Supply	DC 12V	DC 12V
Operation Environment	0~40°C, Humidity<80%	
Storage Temperature	-20~60°C	
Material	Metal	Metal
H x W x D (mm)	36 x 175 x 110	40 x 160 x 100
Weight (g)	370	655



Overview

The HDBaseT Receiver, EVBM-K1029R, Receives the Video from The Remote Source (HDBaseT EXT.), and Scales Up or Down Video to Most Popular Resolutions Up to 4K@30Hz, and Allows User to Control The Switcher Transmitter with Front Push Buttons

Connection Pattern



Features

- Allows Receiving the Video from The Remote Source (HDBaseT EXT.)
- Scaling Function Scales Up or Down Video to Most Popular Resolutions Up to 4K@30Hz (4:4:4)
- Allows User to Control The Switcher Transmitter with Front Push Buttons
- Allows User to Form PIP/PBP Views with The HDMI & HDBaseT Inputs (/w Seamless Video Swap)
- HDBaseT Uncompressed Video Extension Ensures Crystal Clear Image and Low Latency
- Video Inputs Support Most Popular Resolutions Up to 4K@30Hz (4:4:4)
- HDCP 1.4 Compliance Ensures Uninterrupted HD Video Playback
- Serial Control Allows for Extensive Control Applications
- Bidirectional IR Extension Facilitates Remote Control of Sources or TVs
- Audio Extract Function Facilitates Connection to an Audio Amplifier

Product Family

Model	Video Inputs	Video Output(s)	HDBaseT EXT.		PIP/PBP
			Transmitter	Range	
EVBM-K1029R	HDMI x 1	HDMI x 1	EVBMC-1491LA1	100M	Yes
EVBM-K1027R	HDBaseT x 1	(4K Scaler) HDMI x 1 (Local)	EVBMC-1471LA1	70M	
EVBM-K1019R	HDBaseT x 1	HDMI x 1	EVBMC-1491LA1	100M	No
EVBM-K1017R		(4K Scaler) HDMI x 1 (Local)	EVBMC-1471LA1	70M	
EVBM-K110R	HDBaseT x 1	HDMI x 1	EVBMC-1491LA1	100M	
EVBM-K107R		(FHD Scaler) HDMI x 1 (Local)	EVBMC-1471LA1	70M	

Also Available : Non-Scaling Models

Paired Switcher Transmitters

Model	Video Inputs	Video Output(s)	Range	Installation	Long Reach
EVBMC-1491LA1	HDMI x 2	HDBaseT x 1	100M	Desktop	Yes
EVBMC-1471LA1	DisplayPort x 1 VGA+Audio x 1	HDMI x 1 (Local)	70M		
EVBMC-1391LA1	HDMI x 2	HDBaseT x 1	100M		
EVBMC-1371LA1	VGA+Audio x 1	HDMI x 1 (Local)	70M		
TBV-AUA0219	HDMI x 4	HDBaseT x 1	100M	Conference Table Connectivity Box (Under-Desk)	No
TBV-AUA0217	Mini-DP x 1 VGA+Audio x 1	HDMI x 1 (Local)	70M		