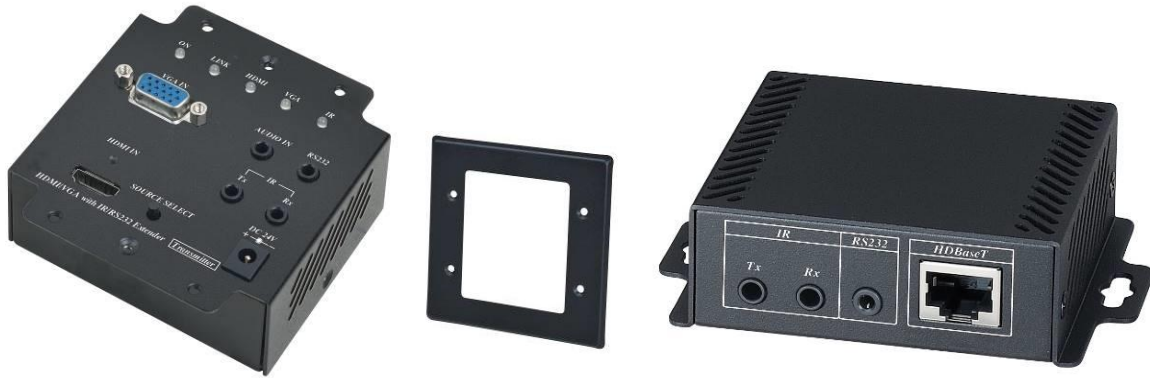


VGA/HDMI (HDBaseT) CAT5e Extender Series

ITEM NO.: VHE02EIP VGA/HDMI (HDBaseT) CAT5e Extender

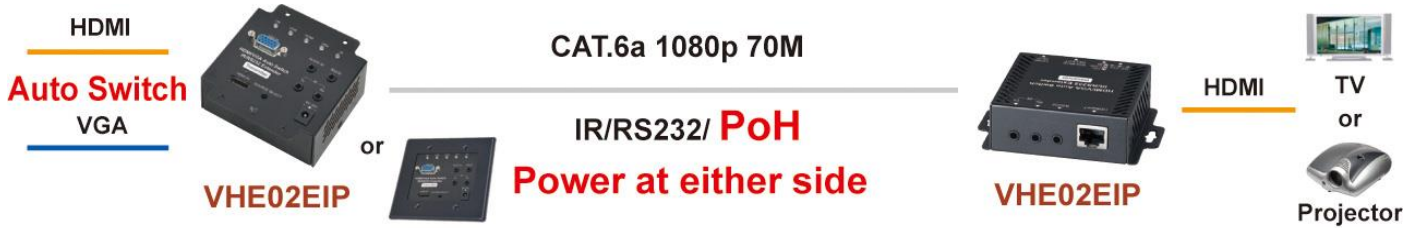


VHE02EIP support HDMI up to 4K@60Hz YUV4:2:0 and VGA up to 1920 x 1200@60Hz, with HD video/audio, bidirectional IR and RS-232, 2 way power over CAT5e/6 cable. It is an ideal solution for extending PC/laptop to a display output to a projector/monitor application. With a metal face plate at transmitter unit to provide installer a flexible installation to fit the TX unit at wall or on a meeting table, which is a perfect application at video conference room.

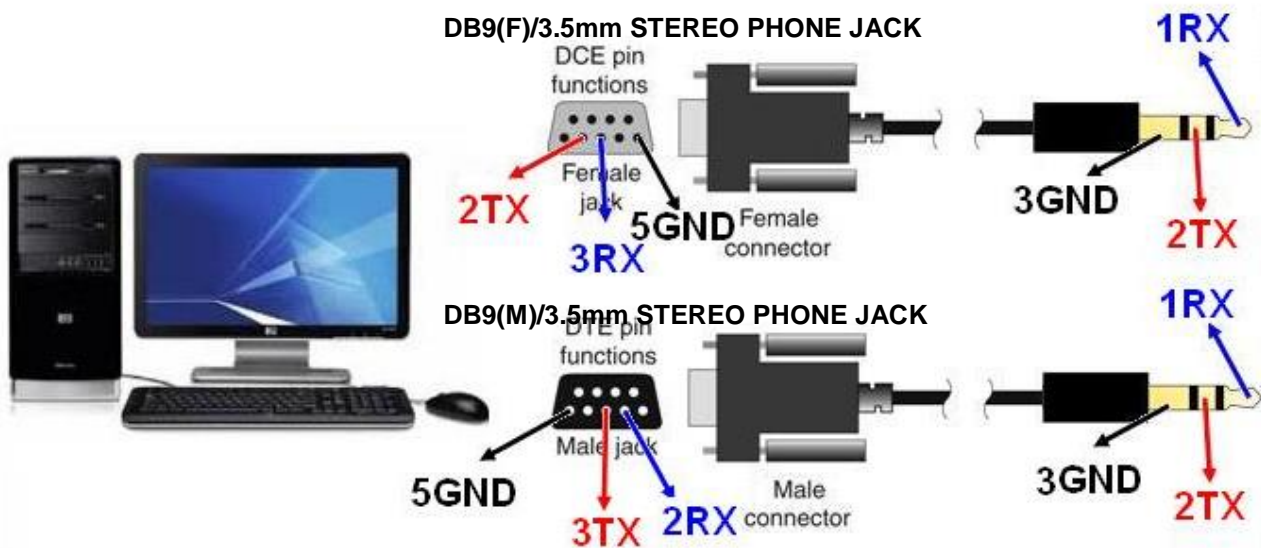
VHE02EIP VGA/HDMI Auto Switch to HDBaseT Extender **With IR/RS232/PoH**

- To send and extend VGA/HDMI signal with IR/RS232/Power signal over one CAT5e cable.
- Auto switch or manually setting for VGA and HDMI inputs.
- VGA support stereo audio convert to HDMI output, resolution up to 1920x1200@60Hz.
- Transmission range up to 70M by CAT5e/6 cable.
- Uncompression video transmission, HDMI resolution up to 4K@60Hz.
- Support Bi-directional IR with 20-60 KHz, RS232, PoH, and CEC.
- Max. Data Rate- 10.2Gbps.
- HDMI 1.4 and HDCP compliance.
- Audio support up to LPCM7.1@192Khz, Dolby TrueHD, DTS-HD MA.
- Support PoH (Power over HDBaseT), allow power send either from TX or RX unit.
- Built in power isolation.
- Transmitter unit include metal wall plate mounting brackets for easy installation at wall or on meeting table.

Installation view:



RS232 Define:



DB9(F)/3.5mm STEREO PHONE JACK

RS232		3.5 mm Phone Jack	
Footprint	Define	Footprint	Define
Pin 2	RX	Pin 1	TX
Pin 3	TX	Pin 2	RX
Pin 5	GND	Pin 3	GND

DB9(M)/3.5mm STEREO PHONE JACK

RS232		3.5 mm Phone Jack	
Footprint	Define	Footprint	Define
Pin 2	TX	Pin 1	TX
Pin 3	RX	Pin 2	RX
Pin 5	GND	Pin 3	GND

Power Saving Mode:

When there is no HDMI video signal input or TV is not connected or power off, this product will enter a power saving mode to save power consumption; under a power saving mode still provides, RS-232 (Less 9600bps), IR, and CEC signal transmission.

Caution:

1. The wiring must away from any equipment with electromagnetic wave, i.e.: mobile phone, microwave, radio equipment, fluorescent lamp, high voltage power lines.
2. The cable must pull in straight to avoid any crosstalk interference and the transmission stability.
3. This device HDBaseT port is not general Ethernet signal; do not connect with Network devices to avoid damage.
4. IR transmitter do not put near from receiver to avoid mutual interference.

VHE02EIP Package Include:

VHE02EIPT Transmitter x 1 pcs

VHE02EIPR Receiver x 1 pcs

DC24V/1.25Amp Power Adapter x 1 pcs

IR Emitter Cable x 1 pcs

IR Receiver Cable x 1 pcs

DB9(M)/3.5mm STEREO PHONE JACK x 1 pcs

DB9(F)/3.5mm STEREO PHONE JACK x 1 pcs

Metal Wall Plate x 1 pcs

Mounting Screw pack x 2 bags

Specification:

ITEM NO.	VHE02EIPT	VHE02EIPR
HDMI Interface	HDMI Type A	
VGA Interface	VGA 15-Pin D-Sub	
HDMI Video Support	Up to 1080p@60Hz,48bits,3D Up to 4096 x 2160@30Hz	
VGA Video Support	Up to 1920 x 1200@60Hz	
Audio Support	Up to LPCM 7.1 192Khz、Dolby TrueHD、DTS-HD MA	
Analog Stereo Interface	3.5mm terminal x 1	
HDBaseT Connector	RJ45 x 1	
HDBaseT Distance	60M by CAT5e/6, 70M by CAT6	
IR Input /Output	3.5mm Phone Jack x 2	
IR Carrier Frequency/Angle/Distance	30~60KHz / T : ± 10° / R : ± 55° / 5M / Bi-directional	
RS-232 Interface	DB9(F)/3.5mm STEREO PHONE JACK	DB9(M)/3.5mm STEREO PHONE JACK
RS-232 Data Rate	115200 bps / Duplex	
Power Supply	DC 24 / 1.25A	
Power Consumption	Max: 11.4W,Power Saving Mode: 1.8W	
Temperature	Operation : -10~45°C, Storage : -30~70°C, Humidity : up to 95%	
Dimension mm	86 x 42 x 93.5	92 x 69.5 x 25
Weight g	300	180

RoHS CE FC 

Rev. A