

# HBT-C6POE-HDV-S

HDMI/VGA Video Scaler over CAT5e/6/7 with LAN/IR/RS-232/Bidirectional PoE Sender



## HDMI/VGA Scaler/Extender

### KEY FEATURES

- Supports HDMI/PC input scaler to full range of HDTV and PC output resolutions through CAT5e/6/7;
- Transmission of uncompressed data over a single 100 m/328 ft CAT5e/6/7 cable;
- 5Play™ convergence: Video, Audio, LAN, Bidirectional PoE & Control (IR & RS-232 bypass);
- Supports IR, Remote control, RS-232 (bypass) and on-panel controls;
- Supports OSD (On Screen Display) selection and display system information;
- Provides 24V DC power to or received from compatible PoE Receiver through CAT5e/6/7;
- Supports Ethernet transmission rate up to 100Mbps.

### PANEL DESCRIPTION



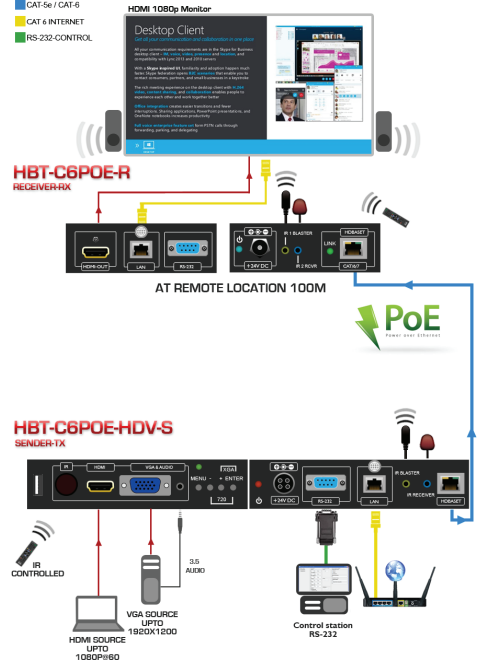
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|----------------|------------------|---------------|
| 1 SERVICE      | 2 IR WINDOW      | 3 HDMI IN     |
| 4 PC IN        | 5 AUDIO          | 6 MENU        |
| 7 MENU SCROLL  | 8 ENTER          | 9 DC 24V      |
| 10 RS-232 IN   | 11 LAN           | 12 IR BLASTER |
| 13 IR EXTENDER | 14 CAT5e/6/7 OUT |               |



### HBT-C6POE-HDV-S

**CABLE INDEX**  
■ Input / Output  
■ CAT-5e / CAT-6  
■ CAT-6 INTERNET  
■ RS-232-CONTROL

Application Diagram 1  
**POINT TO POINT**  
 1080p60 = 100m (328 feet) CAT6  
 WUXGA = 100m (328 feet) CAT6



ITEM	SPECIFICATION
<b>Description</b>	HDMI/VGA Video Scaler Over CAT5e/6/7
<b>Ethernet Speed</b>	100 Mbps
<b>Input Ports</b>	1 x HDMI, 1 x PC, 1 x 3.5mm Phone Jack (L/R), 1 x RS-232, 1xLAN, 1 x IR Extender
<b>Output Ports</b>	1xCAT5e/6, 1xIR Blaster
<b>CAT5e/6/7 Output Cable Distance</b>	Up to 100 Meters
<b>Supported Resolution</b>	HD: 480i~1080p / PC: VGA ~ WUXGA(RB)
<b>CAT5e/6/7 Output Resolution</b>	HD: Up to 1080p@60Hz / PC: Up to WUXGA(RB)
<b>IR Frequency</b>	30~50kHz
<b>Power Supply</b>	24V/2.7A DC (US/EU standards, CE/FCC/UL certified)
<b>Power Consumption</b>	17 W
<b>Dimensions (W X D X H)</b>	5.7" X 7.5" X 1.8"
<b>Weight</b>	1.3 lbs
<b>ESD Protection</b>	Human body model — ±8kV (air-gap discharge) ±4kV (contact discharge)
<b>Operating Temperature</b>	0°C~40°C / 32°F~104°F
<b>Chassis Material</b>	Black Aluminum



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