



# Pacific X-HDU

The Pacific X-HDU over UTP extender consists of a transmitter (X-HDUT) unit and a receiver (X-HDUR) unit. The Pacific X-HDU extends HDMI video, embedded audio, USB mouse/keyboard and IR control signals over a single CAT5e/6 unshielded twisted pair (UTP) cable. With plug-and-play installation, it facilitates remote control of a video player, server, or computer up to 100 meters away.

In combination with Avitech Sequoia Series of multiviewer integrated with KVM switcher, the Pacific X-HDU allows remote access of up to four computers simultaneously from one monitor, mouse and keyboard console. With support of human interface device (HID), the Pacific X-HDU is also an ideal solution for extending touchscreen functionality.

## FEATURES

- CAT5e/6 cable offers an economical and easily available solution to connect the extender transmitter and receiver units up to 100 meters apart
- Support USB HID for mouse, keyboard, and touchscreen extension
- Extend HDMI transmission up to 100 meters at 1080p @60 Hz\*
- Transmit HDMI video signals with 8-bit and 10-bit Deep Color
- Support VESA DDC and Hot-Plug Detect (HPD) for easy plug-and-play installation
- Provide stereo audio output for monitoring (audio in PCM output)
- Active HDMI loop output for local monitoring confirmation
- Support for infrared (IR) control
- Support Dolby® TrueHD and DTS-HD master audio pass-through ensuring high definition and original sound quality
- Incorporate HDMI® technology (HDCP compliant)
- Rack-mountable option available for simple and centralized installation

\*CAT6 or better cable is recommended.

## SPECIFICATIONS

X-HDUT (Transmitter)	Input	1 × USB-B (mouse/keyboard connection from the remote computer or Sequoia unit) 1 × HDMI (video/audio) — support 8/10-bit color depth			
		<b>HDMI</b> 1080p @50/60 Hz 1080i @50/60 Hz 720p @50/60 Hz	<b>DVI-D</b> 1080p @50/60 Hz 1080i @50/60 Hz 720p @50/60 Hz 576i @50/60 Hz 480p @50/60 Hz		
	Output	1 × IR Blaster (e.g., Blu-ray player) 1 × 2.5 mm Mini Phono Jack (for IR Blaster extension cable) 1 × HDMI (loop-out) Looping output of the HDMI input 1 × HDBaseT (video/audio/control) — extend signals for up to 100 meters			
X-HDUR (Receiver)	Input	1 × HDBaseT (video/audio/control) — receive signals from up to 100 meters away 1 × IR Receiver (e.g., remote controller) 1 × USB-B (for Avitech Hook control) 2 × USB-A (mouse/keyboard control for the remote computer)			
	Output	1 × Stereo Phono Jack (stereo/headphone) 1 × HDMI (video/audio)			
		<b>HDMI</b> 1080p @50/60 Hz 1080i @50/60 Hz 720p @50/60 Hz	<b>DVI-D</b> 1080p @50/60 Hz 1080i @50/60 Hz 720p @50/60 Hz 576i @50/60 Hz 480p @50/60 Hz		
VIDEO BANDWIDTH		Single Link 225 MHz			
AUDIO SUPPORT (Pass-Through)		Surround sound (7.1 ch), Dolby® TrueHD and DTS-HD			
IR CARRIER FREQUENCY		30–56 KHz			
POWER REQUIREMENTS		100–240V AC / 5V DC adapter / Max. 10 Watt			
DIMENSION (LxWxH) / WEIGHT		4.10 x 5.71 x 1.22 inch (10.30 x 14.50 x 3.10 cm) / 0.51 lbs (0.23 Kg)			
TEMPERATURE		Operation	0 °C (32 °F) to 40 °C (104 °F)		
		Storage	–10 °C (14 °F) to 50 °C (122 °F)		
HUMIDITY		0 % to 80 % relative, non-condensing			
SAFETY REGULATIONS		FCC, CE, C-Tick, Class B			

Specifications and data are subject to change without notice.

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Pacific X-HDUT  
Rear Panel



Pacific X-HDUR  
Rear Panel

