

## HDMI over Single CAT5e/6/7 HDBaseT™ Extender Kit (2-way IR, RS-232 and HDMI up to 100m)



The PU-506-KIT allows uncompressed HDMI signals to be transmitted over a Single CAT5e/6/7 cable. This solution has the added features of RS-232 and 2-way IR control functionality over the same CAT5e/6/7 cable. These combined HDMI and control signals can be transmitted up to lengths of 100 metres. Utilise the USB power output from a TV as an optional way of powering the PU-506-RX receiver unit alternative to a mains power supply.

### FEATURES

- Supports all v1.4 HDMI resolutions plus 4k.
- Supports uncompressed video/audio up to 10.2Gbps
- Common supported resolutions: HDTV: 480p, 576p, 720p, 1080i, 1080p, 1080p24; PC: VGA, SVGA, XGA, WXGA, SXGA, UXGA, WUXGA.
- HDMI, HDCP & DVI compliant
- Supports HDCP repeating and CEC functions
- Uncompressed data transfer over single CAT cable (100m - CAT6/7; 80m - CAT5e)
- Audio support up to 7.1CH & Dolby TrueHD, DTS-HD
- 3-Play™ convergence
- Compact design
- Supports 3D signals
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- Choose to power the PU-506-RX via the USB output from a TV (Cable available separately - APC-USB) :  
\* Please note the performance and consistency of USB power outputs from TV's can vary and cannot be guaranteed by CYP.

### SPECIFICATIONS

#### PU-506TX

**Inputs**  
1x HDMI (1x HDMI Uncompressed AV & Data)  
1x 3.5mm Stereo mini-jack (1x RS-232)  
1x 3.5mm Stereo mini-jack (1x Infra Red Receiver)

**Outputs**  
1x RJ45 (1x HDMI & Proprietary Data)  
1x 3.5mm Stereo mini-jack (1x Infra Red Emitter)

**Power:** 5V/2.6A DC (US/EU standards, CE/FCC/UL certified)

**Dimensions:** 75mm (W) x 72mm (D) x 24mm (H)

**Net Weight:** 440g

#### PU-506RX

**Inputs**  
1x RJ45 (1x HDMI & Proprietary Data)  
1x 3.5mm Stereo mini-jack (1x Infra Red Receiver)

**Outputs**  
1x HDMI (1x HDMI Uncompressed AV & Data)  
1x 3.5mm Stereo mini-jack (1x RS-232)  
1x 3.5mm Stereo mini-jack (1x Infra Red Emitter)

**Power:** 5V/2.6A DC (US/EU standards, CE/FCC/UL certified)

**Dimensions:** 75mm (W) x 72mm (D) x 24mm (H)

**Net Weight:** 440g

**Gross Weight:** 1020g

**Packaging:** Boxed

