

# TPUH460S

## 79086S Data Sheet

The TPUH460S Camera Extender set consists of a transmitter and a receiver. It can extend 4K video up to 328 feet (100 meters) over a single CAT cable. It supports bi-directional RS-232 pass-through control and Ethernet extension. A PoC feature allows the transmitter to be powered by the receiver, ensuring that only one power adapter is needed for the set. The transmitter can provide 2.5 Amps of 12V power (30W) for powering cameras and other 12V peripheral devices.

### Features:

- Supports resolutions up to 4Kx2K@60Hz 4:2:0
- Extends 4K video, RS232 serial commands, and Ethernet LAN up to 328 feet (100m)
- Supports PoC, allowing transmitter to be powered by receiver
- Provides up to 30W from transmitter to power 3<sup>rd</sup>-party 12V devices, such as cameras
- Comes with Sony-type camera power cable and 3-pin to mini-Din RS232 cable
- Shipped fully-functional and rigorously tested



# TPUH460S

## 79086S Technical Specifications

Transmitter	
<b>Input</b>	HDMI In (19-pin, Female)
<b>Output</b>	HDBase-T (RJ45, Female)
<b>Control Ports</b>	Ethernet LAN (RJ45, Female) RS-232 (3-pin terminal block)
Receiver	
<b>Input</b>	HDBase-T (RJ45, Female)
<b>Output</b>	HDMI Out (19-pin, Female)
<b>Control Ports</b>	Ethernet LAN (RJ45, Female) RS-232 (3-pin terminal block)
General	
<b>Video Resolution</b>	Up to 4Kx2K@60Hz 4:2:0
<b>Transmission Distance</b>	Up to 328 feet (100m)
<b>HDMI Version</b>	1.4
<b>HDCP Version</b>	Up to 2.2, bypass
<b>EDID</b>	Bypass
<b>Transmitter Power Output</b>	DC 12V, 2.5A (30W)
<b>Power Supply</b>	<b>Input:</b> 100 ~ 240 VAC, 50/60Hz <b>Output:</b> DC 24V, 2.71A
<b>Maximum Power Consumption</b>	62W
<b>Operating Temperature</b>	23 ~ 131°F (-5 ~ 55°C)
<b>Storage Temperature</b>	-13 ~ 158°F (-25 ~ 70°C)
<b>Relative Humidity</b>	10 ~ 90%, non-condensing
<b>Product Dimensions</b>	3.94" (100mm) x 0.94" (24mm) x 6.29" (160mm)
<b>Product Weight</b>	<b>TX:</b> 0.82 lbs. (370g) <b>RX:</b> 0.84 lbs. (380g)

Specifications are subject to change without notice