

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 3rd-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



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79086S Technical Specifications

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

Specifications are subject to change without notice