

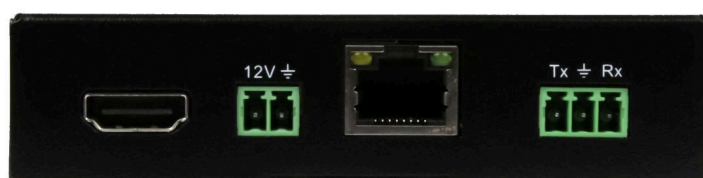
TPUH460

79086-S 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 CAT6a 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



TPUH460

79086-S Technical Specifications

Application Diagram



Transmitter	
Input	HDMI In (19-pin, Female)
Output	HDBaseT (RJ45, Female)
Control Ports	Ethernet LAN (RJ45, Female) RS-232 (3-pin terminal block)
Receiver	
Input	HDBaseT (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