

TPUH422

79082-S Data Sheet

The 79082 TPUH422 is an ultra-thin HDBaseT extender set consisting of the TPUH422T Transmitter and TPUH422R Receiver. The set supports 4K signal transmission up to 230 ft (70m), or 1080p transmission up to 330 ft (100m) over a single Cat6a cable. The 79082 supports IR & RS-232 passthrough, 4 Ethernet interfaces for network, and bi-directional PoH.

Features:

- Supports resolutions up to 4Kx2K@60Hz
- Transmits video, audio, RS-232, & PoH up to 230 ft (70m) for 4K, 330 ft (100m) for 1080p
- Supports bi-directional PoH, allowing either side to power the other via HDBaseT
- Supports bi-directional RS-232/CEC/IR passthrough
- Includes dual Ethernet ports for remote network connection



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79082-S Technical Specifications

	TPUH422T	TPUH422R
Inputs	1 HDMI (19-pin, Female) 1 IR (3.5mm mini jack)	1 HDBaseT (RJ45, Female) 1 IR (3.5mm mini jack)
Outputs	1 HDBaseT (RJ45, Female) 1 IR (3.5mm mini jack)	1 HDMI (19-pin, Female) 1 IR (3.5mm mini jack)
Network Ports	1 RS-232 (3 Pin Phoenix) 2 10M/100M LAN (RJ45, Female)	1 RS-232 (3 Pin Phoenix) 2 10M/100M LAN (RJ45, Female)
Supported Resolution	Up to 4Kx2K@60Hz	
Maximum Transmission Distance	1080p: 330 ft (100m) 4Kx2K: 230 ft (70m)	
Bandwidth	10.2Gbps	
Compliances	HDMI 1.4, HDCP 2.2	
Impedance	75Ω	
Temperature	32 ~ 122°F (0 ~ 50°C)	
Humidity	0 ~ 90%	
Power Supply	Input: 100 ~ 240V AC Output: DC 24V, 1.25A	
Power Consumption	10W (max)	
Product Dimensions	6" (152mm) x 0.64" (16.2mm) x 4.1" (104mm)	6" (152mm) x 0.64" (16.2mm) x 4.1" (104mm)
Product Weight	0.52 lbs. (235g)	0.53 lbs. (241g)

Specifications are subject to change without notice