

TPUH422

79082 Data Sheet

The 79082 TPUH422 is an ultra-thin HDBase-T 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 Cat5e/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 HDBase-T
- Supports bi-directional RS-232/CEC/IR passthrough
- Includes dual Ethernet ports for remote network connection
- Shipped fully functional, pre-programmed, and rigorously tested



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79082 Technical Specifications

	TPUH422T	TPUH422R
Inputs	1 HDMI (19-pin, Female) 1 IR (3.5mm mini jack)	1 HDBase-T (RJ45, Female) 1 IR (3.5mm mini jack)
Outputs	1 HDBase-T (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