

TPUH412

79080-S Data Sheet

The TEK TPHD412 is an HDBaseT extender set that consists of a transmitter and receiver supporting 4K signal transmission up to 130ft (40m), 1080p signal up to 230ft (70m) over a single CAT6a cable. The TPHD412 set supports CEC, bi-directional RS232 & IR Control, and unidirectional PoH function.

Features:

- Supports resolutions up to 4Kx2K30Hz
- Transmits video, audio, RS-232, and PoH up to 130 ft (40m) for 4K, 230 ft (70m) for 1080p
- Supports bi-directional PoH, allowing either side to power the other via HDBaseT
- Supports bi-directional RS-232/CEC/IR passthrough



TPUH412

79080-S Technical Specifications

	TPUH412T (Transmitter)	TPUH412R (Receiver)
Inputs	1 HDMI (19-pin, Female) 1 IR (3.5mm mini jack) 1 RS-232 (3 Pin Phoenix)	1 HDBaseT (RJ45, Female) 1 IR (3.5mm mini jack) 1 RS-232 (3 Pin Phoenix)
Outputs	1 HDBaseT (RJ45, Female) 1 IR (3.5mm mini jack)	1 HDMI (19-pin, Female) 1 IR 3.5mm mini jack)
Supported Resolution	640x480@60Hz ~ 4Kx2K@30Hz	
Maximum Transmission Distance	1080p: 230 ft (70m) 4Kx2K: 130 ft (40m)	
Bandwidth	10.2Gbps	
Compliances	HDMI 1.4, HDCP 2.2	
Impedance	75Ω	
Temperature	32 ~ 122°F (0 ~ 50°C)	
Humidity	10 ~ 90%	
Power Supply	Either unit can be powered via HDBaseT connection Input: 100 ~ 240V AC, 50/60Hz Output: DC 24V, 1.25A	
Power Consumption	14W (max)	
Product Dimensions	4.5" (115mm) x 0.64" (16.2mm) x 4.3" (109mm)	4.5" (115mm) x 0.64" (16.2mm) x 4.3" (109mm)
Product Weight	0.43 lbs. (193g)	0.43 lbs. (196g)

Specifications are subject to change without notice