

# TPUH412

## 79080 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 CAT 5e/6 Cable (CAT 6 recommended). 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 HDBase-T
- Supports bi-directional RS-232/CEC/IR passthrough
- Shipped fully functional, pre-programmed, and rigorously tested



# TPUH412

## 79080 Technical Specifications

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

Specifications are subject to change without notice