

# 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



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## 79080-S Technical Specifications

|                                      | TPUH412T (Transmitter)  | TPUH412R (Receiver)  |
|--------------------------------------|---|--|
| <b>Inputs</b>                        | 1 HDMI (19-pin, Female)<br>1 IR (3.5mm mini jack)<br>1 RS-232 (3 Pin Phoenix)                               | 1 HDBaseT (RJ45, Female)<br>1 IR (3.5mm mini jack)<br>1 RS-232 (3 Pin Phoenix) |
| <b>Outputs</b>                       | 1 HDBaseT (RJ45, Female)<br>1 IR (3.5mm mini jack)  | 1 HDMI (19-pin, Female)<br>1 IR 3.5mm mini jack)                               |
| <b>Supported Resolution</b>          | 640x480@60Hz ~ 4Kx2K@30Hz   |  |
| <b>Maximum Transmission Distance</b> | 1080p: 230 ft (70m)<br>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 HDBaseT connection<br>Input: 100 ~ 240V AC, 50/60Hz<br>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