

# TPUH451

## 79084S Data Sheet

The BT150P is an HDBaseT™ 2.0 extender set that consists of a transmitter and receiver supporting 4Kx2K/1080P signal transmission up to 325ft (100m), over a single CAT 5e/6 Cable (CAT 6 recommended). The BT150P set supports CEC, bi-directional RS232, USB & IR Control, and can be powered by a single 12V power supply

### Features:

- Delivers full HD video
- Maximum transmission distance of 100m for 4Kx2K/1080p
- High Bandwidth: 10.2Gps
- HDTV Compatible, HDMI 1.4 and previous, and HDCP 2.2 compliant
- Supports EDID pass through
- Supports unidirectional PoC through HDBaseT connection
- Shipped fully functional, pre-programmed, and rigorously tested



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## 79084S Technical Specifications

	<b>TPUH451T (Transmitter)</b>	<b>TPUH451R (Receiver)</b>
<b>Input</b>	(1) HDMI (19-pin Type-A male) (1) RS232 (3-pin pluggable terminal block)	(1) HDBT (RJ45 female); USB (Type-A) (1) RS232 (3-pin pluggable terminal block)
<b>Output</b>	(1) HDBT (RJ45 female); 1 USB (Type-B)	(1) HDMI (19-pin Type-A male)
<b>HDMI Embedded Audio</b>	PCM/Dolby Digital/DTS/DTS-HD	
<b>Signal Standard</b>	HDMI 1.4 & HDCP 2.2	
<b>Transmission Mode</b>	HDBaseT 2.0	
<b>Transmission Distance</b>	1080p/4Kx2K @60 Hz ≤ 100m (Cat6)	
<b>Resolution</b>	Up to 4Kx2K @60 Hz 4:2:0	
<b>Bandwidth</b>	10.2 Gbps	
<b>EDID Management</b>	EDID Pass-through	
<b>Temperature</b>	32 ~ 104°F (0 ~ 40°C)	
<b>Relative Humidity</b>	10% ~ 90%	
<b>Power Supply</b>	Input: 100V~240V AC Output: DC 12V 2A	
<b>Power Consumption</b>	18 W (max)	
<b>Product Dimensions</b>	4.5" (116mm) x 0.86" (22mm) x 3.74" (95mm)	4.5" (116mm) x 0.86" (22mm) x 3.74" (95mm)
<b>Product Weight</b>	0.43 lbs. (197g)	0.44 lbs. (198g)

Specifications are subject to change without notice