



### Features

- Integrated HDBaseT Technology
- Support HDMI 1.4, 3D & 4K x 2K
- 70M (230ft) transmission for HDMI, IR & RS232
- Bi-Directional IR & RS232 pass through
- Compatible with CAT5e/6/7 cable

### Description

TPHD402 is an HDBaseT twisted pair for HDMI, IR & RS232 at 70M transmission. It includes transmitter (TPHD402T) and receiver (TPHD402R), supports HDMI 1.4 and is HDCP complaint. It's a high performance extender for the control room, educational facilities, commanding center, home cinema etc.

### Technical Specifications

Input (TP402T)	1 HDMI (HDMI female), 1 RS232 (3P captive screw connector), 1 IR in & out (3.5mm mini jack)
Output (TP402T)	1 HDBase-T (RJ-45)
Input (TP402R)	1 HDBase-T (RJ45)
Output (TP402R)	1 HDMI (HDMI Female); 1 RS232 (3p captive screw connector), 1 IR in & out (3.5mm mini jack)
Transmission Mode	0.5Vp-p~2.0Vp-p; 75Ω
Resolution	1080p@60Hz@48 b/pixels/3D/4K x 2K
Gain	0dB ~ 10dB@100MHz
Transmission Distance	Max distance 70M
Differential Phasics Error	±10°@135MHz-100M
Bandwidth	10.2Gbps
Return Lost	<-30dB@5KHz
HDMI Standard	Support HDMI 1.4 and HDCP
Min.~Max Level	<0.3V~1.45Vp-p;75Ω
Power Supply	5VDC; 6.5W
Temperature	-20~+60°C
Humidity	10%~90%
Chassis Dimension	77(W) x 30(H) x 134(D)mm
Weight	0.5Kg