

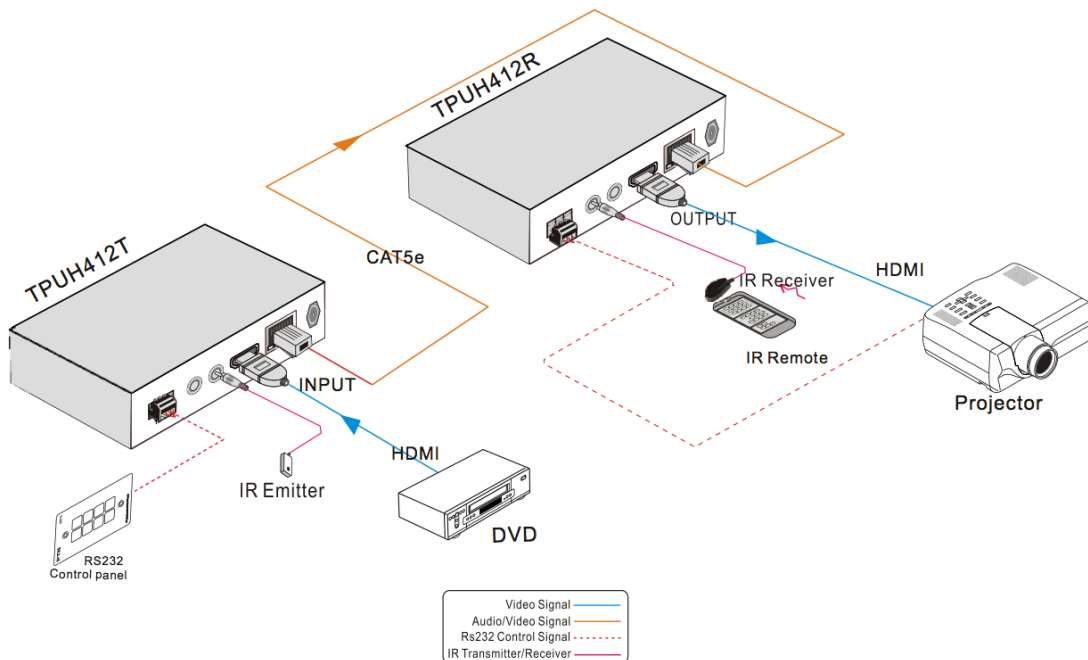
The TEK TPHD412 is an HDBaseT extender set that consists of a transmitter and receiver supporting 4K signal transmission up to 130ft (40m), 1080p signal up to 230ft (70m) over a single CAT 5e/6 Cable (CAT 6 recommended). The TPHD412 set supports CEC, bi-directional RS232 & IR Control, and unidirectional PoH function.

Features

- Support Full HD: Delivers high resolution (1080p@60Hz@48 b/pixels/3D/4Kx2K).
- Maximum transmission distance is 70m for 1080p and 40m for 4Kx2K over single CAT5e/CAT6a cable
- High Bandwidth: 10.2Gps.
- HDTV Compatible, HDMI 1.4 and HDCP 2.2 compliant.
- Support CEC/IR/RS232 pass through.
- Support bi-directional PoH.
- Bi-directional RS232/IR control.



Sample System Diagram



Model	TPUH412T	TPUH412R
Spec		
Input		
Input Signal	1 HDMI, 1 IR & 1 RS232	1 IR, 1 RJ-45 & 1 RS232
Input Connector	HDMI female, 3.5mm mini jack, 3p captive screw connector	3.5mm mini jack, RJ-45, 3p captive screw connector
Audio	Digital audio, transmit through HDMI audio	Digital audio, transmit through HDMI audio
Output		
Output	1 RJ-45, 1 IR, 1 RS232	1 HDMI, 1 IR, 1RS232
Output Connector	RJ-45, 3.5mm mini jack, 3p captive screw connector	HDMI female, 3.5mm mini jack, 3p captive screw connector
General		
Resolution Range	640x480@60Hz~4K×2K@30Hz	
Transmission Mode	HD Base T	
Transmission Distance	1080p ≤ 70m 4Kx2K ≤ 40m	
Bandwidth	10.2Gbps	
HDMI Standard	Support HDMI1.4 and HDCP2.2	
Impedance	75Ω	
Temperature	0~ 50℃	
Humidity	10% ~ 90%	
Power Supply	Input: 100VAC~240VAC, 50/60Hz Output: DC 24V, 1.25A	
Power Consumption	14W	
Dimension (W*H*D)	115mmx16.2mm x109mm	115mmx16.2mm x109mm
Net Weight	193g	196g

Specifications are subject to change without notice.