

# TPU421

TPU421 is an ultra thin HDBaseT Extender set that consists of transmitter (TPU421T) and receiver (TPU421R). It distributes HDMI signal via CAT5e/CAT6a cable at 328ft/ 100m/PoH, and enables IR and RS232 passthrough to control remote displays. It also supports 4 Ethernet interface for network. It provides a perfect long range transmission solution.

Input (TPU421T)	1 x HDMI (female), 1 x IR (3.5 mini jack), 1 x RS232 (3pin captive screw connector)
Output (TPU421T)	1 x HDBT (RJ45), 1 x IR (3.5 mini jack), 1 x RS232 (3pin captive screw connector)
Input (TPU421R)	1 x HDBT (RJ45), 1 x IR (3.5 mini jack), 1 x RS232 (3pin captive screw connector)
Output (TPU421R)	1 x HDMI (female), 1 x IR (3.5 mini jack), 1 x RS232 (3pin captive screw connector)
Ethernet Port	2 x Ethernet Ports (2 Black RJ45) in Tx and 2 x Ethernet Ports in Rx
Ethernet Speed	Adaptive 10M/100M (max), full duplex or half duplex
Signal Standard	4Kx2k/60Hz & HDCP2.2
Audio	Digital Audio, Audio transmitted through HDMI
Transmission Distance	1080P≤100m, 4Kx2K≤70m
Temperature	0~50°C
Reference Humidity	10% ~ 90%
Power Supply	Input: 100VAC~240VAC, 50/60Hz Output: DC 24V, 1.25A
Dimension (W*H*D)	152mmx16.2mmx84mm
Power Consumption:	12W
Weight	0.186Kg (Tx) / 0.186Kg (Rx)

- Ultra thin design
- The highest resolution is 4Kx2k/60Hz
- HDCP2.2 compliant
- Maximum transmission distance is up to 70m for 4Kx2K, 100m for 1080P, 100m for Ethernet
- Unidirectional PoE allows transmitter to power receiver
- High bandwidth: 10.2Gbps
- Support IR/RS232 passthrough
- Use HDBaseT technology
- LED indicators show work status

