

TPUH421

TPUH421 is an ultra-thin HDBaseT Extender set that consists of a transmitter (TPUH421T) and a receiver (TPUH421R), it enables to distribute 1080P HDMI signal up to 230ft/70m, 4K HDMI signal up to 330ft/100m over CAT x cable. It supports CEC, bi-directional RS232&IR control, and uni-directional PoH function. The 4 ethernet ports can work in a LAN and also access to the internet.



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| Input (TPUH421T) | 1 x HDMI (female), 1 x IR (3.5 mini jack), 1 x RS232 (3pin captive screw connector) |
| Output (TPUH421T) | 1 x HDBT (RJ45), 1 x IR (3.5 mini jack), 1 x RS232 (3pin captive screw connector) |
| Input (TPUH421R) | 1 x HDBT (RJ45), 1 x IR (3.5 mini jack), 1 x RS232 (3pin captive screw connector) |
| Output (TPUH421R) | 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 & HDCP 2.2 |
| Audio | Digital Audio, Audio transmitted through HDMI |
| Transmission Distance | 1080P≤100m, 4Kx2K≤70m |
| Temperature | 0 ~ +50°C |
| Relative Humidity | 10% ~ 90% |
| Power Supply | Input: 100VAC ~ 240VAC, 50/60Hz Output: DC 24V, 1.25A |
| Dimension (W*H*D) | W152mm x H16.2mm x D84mm |
| Power Consumption: | 12W |
| Weight | Tx: 186g Rx: 186g |



- Supports HDMI 1.4 & HDCP 2.2.
- Maximum transmission 70m for 4K, and 100m for 1080P.
- Bi-directional IR and RS232 control.
- Uni-directional PoH from Tx to Rx.
- Supports CEC.
- High bandwidth: 10.2Gbps.
- 4 ethernet ports work in a LAN.
- Ultra-thin Aluminum chassis.

