TP421-4K is an ultra thin HDBaseT Extender set that consists of transmitter (TP421-4KT) and receiver (TP421-4KR). It distributes HDMI signal via CAT5e/CAT6a cable at 328ft/ 100m/PoH, and enables IR and RS232 passthrough to control remote displays. It transmits 4K signal up to 230 feet (70 m). It also supports 4 Ethernet interface for net work. It provides a perfect long range transmission solution.

- 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

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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 & HDCP2.2

### Audio
- Digital Audio, Audio transmitted through HDMI

### Transmission Distance
- 1080P≤100m, 4Kx2K≤70m

### Temperature
- 0~50ºC

### 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)