PoH (Power over HDBaseT) is supported. Connecting a receiver supporting PoH power supply (PSE) function eliminates the need for a local power supply.

Input video signal is converted to HDBaseT signal and sent up to 328 ft. (100 m).

For 4K format, use an 18-Gbps high speed cable.

For Long reach mode, use IDK’s twisted pair cable products that supports 328 ft. (100 m), and up to resolutions 1080p (24 bit) or less are supported.

The maximum extension distance is the shorter distance of connected HDBaseT product or sink device’s maximum extension distance.

Other manufacturers’ products mentioned in this document are for reference only.

IDK Corporation
Front & Rear Panels

Front

Rear

Side

Unit: mm [inch]

IDK Corporation

HDC-TH100WP

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**Application Example**

* Maximum extension distance
  - Up to 328 ft. (100 m) : 4K@60
  - Up to 492 ft. (150 m) : 1080p (24 bit) in Long reach mode and with IDK’s HDBaseT products supporting 328 ft. (100 m)

**[Features]**

**Video**
- Up to 4K@60
- HDCP 1.4 / 2.2 (Pass through)
- Up to 328 ft. (100 m) over CAT.5E HDC / Cat5e STP / Cat6 STP cable (4K@60)
- Cat5e UTP cable transmission*1
  - Up to 328 ft. (100 m) over a Cat6 UTP cable*2
- Long reach mode: up to 492 ft. (150 m), 1080p (24 bit) or less, with IDK’s HDBaseT products supporting 328 ft. (100 m)*3
- No substantive extension delay: 10 μs or less / 328 ft. (100m)

**Others**
- CEC (Pass through)
- PoH power supplied (PD) (HDBaseT output)

*1 If exceeding 164ft. (50 m), CAT.5E HDC, Cat5e STP, and Cat6 UTP / STP cables are recommended.
*2 If the 4K format exceeds 230 ft. (70 m), CAT.5E HDC, Cat5e STP, and Cat6 STP cables are recommended.
*3 If exceeding 328 ft. (100 m) in Long reach mode, CAT.5E HDC, Cat5e STP, and Cat6 STP cables are recommended.