4K 60Hz HDBaseT HDMI Extender
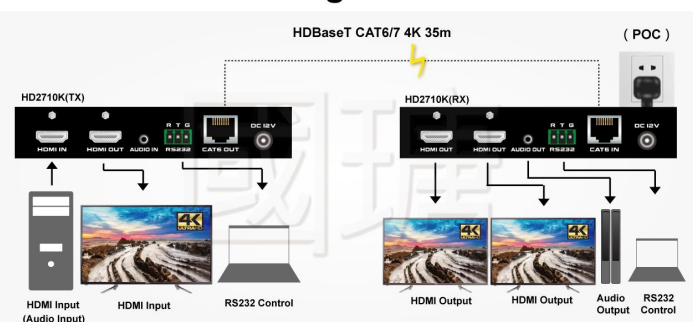
Model:HD2710K

Features

- Transmit 4K 60Hz HDMI2.0+ RS-232+ IR+ Audio signal to remote display via network cable.
- It adopts a Cat6/7 full 8-core network cable for wiring.
- Using HDBaseT uncompressed transmission technology, 4K video, and audio signals can be transmitted losslessly over long distances through network cables.
- Transmitter: Support 1-port HDMI2.0 output display.
- Receiver: Support 2-port HDMI2.0 output synchronous display.
- HD2710K_70: Up to 70 meters in 1080P, up to 35 meters in 4K 30Hz/60Hz.
- HD2710K_100: Up to 100 meters in 1080P, up to 70 meters in 4K 30Hz/60Hz.
- Support HDMI2.0 and HDCP2.2.
- Support sound loading input and sound separation independent output.
- Ensure a stable power supply and built-in locking power interface.
- Support two-way RS-232 and two-way IR signal transmission.
- Support EDID processing technology to solve annoying problems such as full screen, flickering, and no display on the display side.
- Support POC unilateral power supply.
- Pure hardware design, plug, and play, no need to install additional software.

Specification

Model Name	HD2710K
Transmitter port	1 x HDMI2.0 input, 1 x HDMI2.0 output, 1 x IR input, 1 x IR output, 1 x RJ45 output, 1 x 3.5mm input, 1 x Phoenix RS232
Receiver port	2 x HDMI2.0 output, 1 x IR input, 1 x IR output, 1 x RJ45 input, 1 x 3.5mm output,1 x Phoenix RS232
Video resolution	480i, 576i, 480p, 576p, 720p, 1080i, 1920x1080p 60Hz, 3840x2160 30Hz, 3840x2160 60Hz, 4096x2160 24Hz
Protocol Standard	Support HDMI2.0, HDCP2.2
Transmission distance	HD2710K_70- 70 meters at 1080P 60Hz, 35 meters at 4K 60Hz HD2710K_100- 100 meters at 1080P 60Hz, 70 meters at 4K 60Hz
EDID	Support manual EDID resolution selection
Color Space	1080p: 36Bit Deep Color, 4K: 24Bit True Color, 4:4:4
Bandwidth	10Gbps
Cable length	Input and output can be connected to HDMI cables with a maximum length of 5 meters. If the length exceeds this length, it is recommended to use an extender to extend the distance.
Power supply	DC 12V
Power Consumption	11W
Dimensions	Transmitter 152 × 100 × 27mm Receiver 152 × 100 × 27mm (LxWxH)
Weight	Transmitter 200g / Receiver 200g

Diagram

Diagram

Package contents

1 X HD2710K-T Transmitter

1 X HD2710K-R Receiver

1 X 12V 1.5A adapter (POC single side power supply)

2 X IR cables

1 X User manual