

## HDMI HDBaseT Extender



GK-HD-100TR is an HDBaseT technology extender, it supports no compression, no losses, no latency HDMI signal transmission. It can work with other HDBaseT equipment, such as Sony HDBaseT projector. All the signals are transmitted by one single CAT5E/ CAT6/ CAT7 cable, for 1080P it can transmit to a distance of 220ft, for 4K30Hz, it can up to 110ft. Compatible with all the HDTV resolutions, HDMI1.4a protocol. It also supports bi-directional RS232 and IR transmission and realize the long distance control. Supports power over cable, users only need to power one side; Supports 3.5mm Audio embedded and de-embedded function, it can help users to have more choice whether the internal or external audio input and output; Supports EDID management, it provides users a wider way to work with different displays. So it can be popularly used in media conferencing room, school, government, cinema and so on applications.

### Product Features:

- ✓ Transmit highest quality audio and video, for 1080p can up to 330 feet and 4K can up to 220 feet over single Cat6/6a/7 cable
- ✓ Highest resolutions supported up to 4K2K@30Hz
- ✓ Equipped with EDID management capability
- ✓ Bidirectional IR/Serial control signal transmission
- ✓ Power over Cable (POC) locally powered over Cat5e/6 cable at either end
- ✓ Supports 7.1 DTS Master HD, Dolby True HD
- ✓ Audio embedded and de-embedded

### Specification

Model	GK-HD-100T	GK-HD-100R
Input	1*HDMI, 1*3.5MM Audio, 1*RS232, 1*IR-TX, 1*IR-RX	1*HDBaseT
Output	1*HDBaseT	1*HDMI, 1*3.5MM Audio, 1*RS232, 1*IR-TX, 1*IR-RX, USD HID
Protocol	Support HDMI1.4a and compatible with HDCP, EDID Management	
Resolution	480i, 576i, 480p, 576p, 720p, 1080i, 1920 x 1080p up to 60Hz 3840/4096 x 2160 up to 30Hz	
Color Space	1080p: 36Bit Deep Color 4K: 24Bit True Color, 4:2:2	
Bandwidth	18Gbps	
Transmission Distance	CAT5e/6 cable: 333FT (1080p60Hz) 233FT (4K30Hz)	
Dimension	152*100*27(mm)	
Weight	200g	
Power	AC: 100-240V 50/60Hz 1.5A Max DC: 12V 1500mA	
Consumption	≤11W	



<b>Working Humidity</b>	10%-90%
<b>Working Temperature</b>	0°C-50°C
<b>Storage Temperature</b>	-20°C-75°C

**\*Images are illustrative purpose only.**