



HD18-EX165-K

1x8 HDMI Extender Splitter over CAT6 (70m)

DIMENSIONS & WEIGHT:

Transmitter:

Length: 295mm/11.61in **Width:** 82mm/3.23in
Height: 18mm/0.71in **Weight:** 628g/1.38lbs

Receiver:

Length: 79.5mm/3.13in **Width:** 69mm/2.72in
Height: 16.5mm/0.65in **Weight:** 130g/4.59oz

The **HD18-EX165-K** efficiently distributes one HDMI source signal to eight distant displays, supporting resolutions up to 4K@30Hz and 1080p@60Hz over 165 feet via CAT6/7 cable. Compliant with HDMI 1.4 and HDCP 1.4, it offers a 10.2Gbps video bandwidth and supports audio formats like LPCM 7.1, Dolby TrueHD, and DTS-HD Master Audio. With HDMI loop out, unidirectional IR control, and Power over Cable (PoC), it requires only one power adapter, ideal for various residential or commercial setups.

PACKAGE CONTENTS: 1x Transmitter, 8x Receivers, 1x IR Blaster cable, 8x IR Receiver cable, 2x Mounting ear, 8x Machine Screw (KM3*4), 1x Power Adapter, User Manual

KEY FEATURES:

- HDMI 1.4 and HDCP 1.4 compliant
- Video resolutions up to 4K@30Hz and 1080p@60Hz
- 10.2Gbps video bandwidth
- Extend audio/video signals up to 130 feet at 4K@30Hz and up to 230 feet at 1080p@60Hz
- Audio formats: LPCM 7.1, Dolby True HD and DTS-HD Master Audio
- Unidirectional IR control from the Receivers to the Transmitter
- PoC support requiring only one power adapter
- HDMI loop out to connect a display near the source
- Advanced EDID management
- Robust metal build and plug and play setup

SPECIFICATIONS

CONNECTIVITY:

Transmitter:

INPUT:	1 × HDMI [Type A, 19-pin female]
OUTPUT:	1 × HDMI [Type A, 19-pin female] 8 x CAT [RJ45, 8-pin female]
CONTROL:	1 × IR OUT [3.5mm Stereo Mini-jack] 1 x SERVICE [Micro USB, Update port]

Receiver:

INPUT:	1 x CAT [RJ45, 8-pin female]
OUTPUT:	1 × HDMI [Type A , 19-pin female]
CONTROL:	1 x IR IN [3.5mm Stereo Mini-jack]

COMPLIANCES:

HDMI Compliance	: HDMI 1.4
HDCP Compliance	: HDCP 1.4

SUPPORTED CAT CABLES:

CAT5e, CAT6, CAT7	: We recommend you to use shielded CAT6 cables & High-Quality HDMI Cables for optimum performance
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EXTENDING DISTANCE:

4K@30Hz:	: 130 Feet
1080P@60Hz:	: 230 Feet

RJ-45 CONNECTOR TYPE

Standard RJ-45 8-pin Female

VIDEO OUTPUT:

Video Bandwidth	: 10.2Gbps
Video Resolutions	: Up to 4K@30Hz

ADDITIONAL FEATURES

CEC Function	: No
ARC Function	: No
USB KVM Function	: No
PoC/PoE Function	: Yes
IR Control	: Yes
Downmix Function	: No
Downscale Function	: No
Over IP Function	: No
HDBaseT Function	: No
RS-232 Function	: No

LOOP-OUT/LOCAL PORT:

Has loop out port	: Yes
Number of Loop out ports	: 1

AUDIO SUPPORT:

HDMI Audio Formats:	: LPCM 7.1, Dolby True HD, and DTS-HD Master Audio
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POWER:

Power Consumption	: 19.2W
Power Supply:	Input : AC 100-240V 50/60Hz Output : DC 12V/2.5A



