

BG-HDA-E18

1X8 1080P/4K30 HDMI Splitter/Distribution Amplifier up to 230ft over Category Cable

The BG-HDA-E18 is a 4K 1x8 HDMI splitter that can split a single HDMI source signal to eight displays at distances up to 70 meters over CAT6 networking cable. This splitter is a great choice for users that need to output a single video source like a Blu-ray player, computer, game console, or streaming media player to multiple displays.

Ease of installation and high quality video are hallmarks of the BG-HDA-E18. The splitter supports resolutions as high as 4K2K@30Hz 4:4:4, ensuring no quality is lost when your input is split between the eight outputs. The splitter has one HDMI input, one HDMI loop output, and eight CAT outputs.

FEATURES

- Video resolution up to 4K2K@30Hz(4:4:4) 8-bit
- Support 1 HDMI input, 1 HDMI loop output and 8 CAT outputs
- Power over Cable (POC): Receivers require no power supply
- HDMI 1.4 and HDCP 1.4 compliant
- HDMI Loop-Out: Connect a local display
- Dolby TrueHD, DTS-HD, Dolby Digital Plus, and LPCM 7.1
- Bi-Directional IR Passthrough
- Extend the signal transmission distance up to 164 ft / 50 m at the resolution of 4K@30Hz, or 230 ft / 70 m at 1080P@60Hz via a single CAT6 cable
- Advanced EDID management



Specifications

Technical

HDMI Compliance: HDMI 1.4

HDCP Compliance: HDCP 1.4

Video Bandwidth: 297MHz/10.2Gbps

Video Resolution: 480i ~1080p@50/60Hz, 4Kx2K@30Hz (4:4:4)

Color Depth: 8-bit, 10-bit, 12-bit (1080p@60Hz); 8-bit (4K@30Hz)

Color Space: RGB, YCbCr_4:4:4/4:2:2, YUV_4:2:0

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

Transmission Distance: 1080P@60 - 70M, 4K@30 - 50M

ESD Protection: Human body model: 38kV (Air-gap discharge) & 34kV (Contact discharge)

Connection

Transmitter: Input: 1x HDMI IN [Type A, 19-pin female]; Outputs: 1x HDMI OUT [Type A, 19-pin female], 8x CAT OUT [RJ45]; Controls: 1x IR OUT [3.5mm Stereo Mini-jack], 1x EDID DIP switch [4-pin], 1x Update [Micro USB]

Receiver: Inputs: 1x IR IN [3.5mm Stereo Mini-jack], 1x CAT IN [RJ45, 8-pin female]; Output: 1x HDMI OUT [Type A, 19-pin female]

Mechanical

Housing: Metal Enclosure

Color: Black

Dimensions: Transmitter: 11.6" (W) x 3.2" (D) x 0.7" (H) [295mm (W) x 82mm (D) x 18mm (H)]; Receiver: 3.1" (W) x 2.7" (D) x 0.7" (H) [79.5mm (W) x 69mm (D) x 16.5mm (H)]

Weight: Transmitter: 1.4lbs [628g]; Receiver: 0.3lbs [130g]

Power Supply: 12V/2.5A DC Power (US/EU standards, CE/FCC/RoHs certificated)

Power Consumption: 19.2W

Operation Temperature: 32°F ~ 104°F / 0°C ~ 40°C

Storage Temperature: -4°F ~ 140°F / -20°C ~ 60°C

Relative Humidity: 20-90% RH (non-condensing)

Industry-Leading Warranty & Support

BZBGear Pro AV products and Cameras come with a three-year warranty. An extended two-year warranty is available for our Cameras upon registration for a total of five years.

We pride ourselves in our Customer Service and seven-days-a-week Tech Support.

