



## **BG-HDA-E14**

**1X4 1080P/4K30 HDMI Splitter/Distribution Amplifier up to 230ft over Category Cable**

The BG-HDA-E14 is a 4K 1x4 HDMI splitter that can split a single HDMI source signal to four 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.

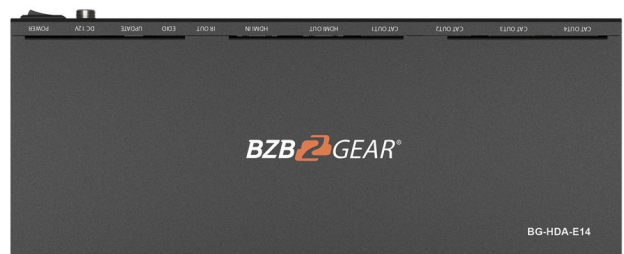
Ease of installation and high quality video are hallmarks of the BG-HDA-E14. The splitter supports resolutions as high as 4K2K@30Hz 4:4:4, ensuring no quality is lost when your input is split between the four outputs. The splitter has one HDMI input, one HDMI loop output, and four CAT outputs.

AVAILABLE IN A 1X8 MODEL:

## **BG-HDA-E18**

### **FEATURES**

- Supports resolutions up to 4K@30Hz
- 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
- Support 1 HDMI input, 1 HDMI loop output and 4 CAT outputs
- Advanced EDID management
- Compact design for easy and flexible installation



# 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

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]; 4x 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: 8.3" (W) x 3.3" (D) x 0.7" (H) [210mm (W) x 83mm (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: 1lbs [448g]; Receiver: 0.3lbs [130g]

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

Power Consumption: 11W

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.

