

**BG-UDAIC-E18**

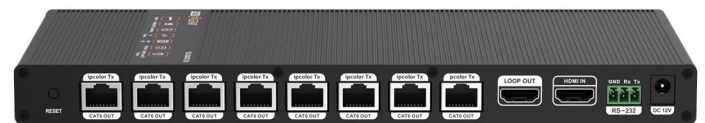
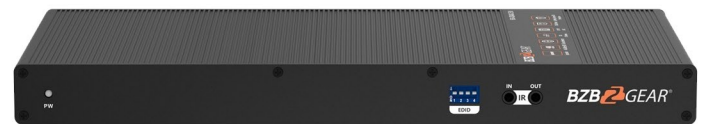
**1X8 4K60 UHD 18Gbps HDMI Splitter/Distribution Amplifier up to 230ft over Category Cable**

The BG-UDAIC-E18 is an HDMI extender and splitter kit that distributes one HDMI input to up to eight extender outputs. The signal can be extended at ranges of up to 70 meters (230 feet) with category cabling.

This HDMI extender and splitter kit supports resolutions up to 4K@60Hz. With the BG-UDAIC-E18, transmission of video signals is done with zero latency. The transmitter in this kit supports HDMI loop out for operators to utilize when necessary. Each receiver can output the digital audio of the TV (ARC) or from the source device via the S/PDIF port.

**FEATURES**

- Supports resolutions up to 4K@60Hz
- Split and extend 1 HDMI input signal to 8 HDMI outputs
- ARC: Audio Return Channel support
- Bi-Directional IR Passthrough
- Transmit HDMI signals up to 70m
- HDMI 2.0, HDCP 2.2 compliant
- Digital audio provided via TOSLINK connector on receiver
- Zero latency transmission
- The receiver can output the digital audio of the TV or source device from the S/PDIF port
- The transmitter supports HDMI loop out



## Specifications

Transmission protocol: ipcolor  
Distribution mode: 1 IN 8 OUT  
Transmission distance: CAT6/6A/7 ≤ 70m

HDMI signal: HDMI 2.0, HDCP 2.2  
HDMI Resolution: 480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz,  
720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 1280x960,  
1280x800, 1280x768, 1680x1050, 1360x768, 1366x768, 1600x900,  
1024x768, 800x600, 3840x2160@24/25/30/50/60Hz,  
4096x2160@24/25Hz

Audio formats: LPCM/DTS-HD/DTS-Audio/Dolby Digital 5.1  
IR: Bi-directional IR passback (20-60 kHz)  
RS-232: 3 pin: TxD-RxD-GND, follows RS-232 levels  
Working temperature: -4-140°F / -20-60°C  
Storage temperature: -22-158°F / -30-70°C  
Humidity (no condensation): 0-90% RH  
Protection: ESD protection; 1a Contact discharge level 3; 1b Air  
discharge level 3; Implementation of the standard: IEC61000-4-2;  
Lightning protection; Surge protection  
Power supply: TX: DC 12V/3A; RX: DC 5V/2A  
Power consumption: TX<24W; RX<4W  
Material: Aluminum alloy material + crystal panel  
Color: Black  
Weight: TX: 1.6 lbs [724 g]; RX: 0.46 lbs [210 g]

Dimension: TX: 10.2"(L) x 4.7"(W) x 0.9"(H) [260.00(L) x 120.00(W) x  
23.50(H)mm]; RX: 4.2"(L) x 3.9"(W) x 1.0"(H) [106.00(L) x 99.00(W) x  
26.20(H)mm]

## 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.

