



## BG-IPGEAR-ULTRA-C

SMART CONTROLLER FOR IPGEAR-ULTRA HDMI OVER IP SERIES

Elevate your audio/video over IP management with the BG-IPGEAR-ULTRA-C, a state-of-the-art 4K UHD 4:4:4 H.264/265 AVoIP Controller. Expertly designed to manage and control a wide range of video sources and IP products, this controller is an essential tool for professional AV setups, corporate environments, educational institutions, broadcast centers, and mission-critical control rooms. Dual 1G network ports provide robust dual-network isolation, ensuring secure and seamless operations for both control and video distribution.

Advanced security features, including HTTPS and SSH protocols and AES256 video encryption, safeguard your content from unauthorized access, while a user-friendly Web GUI with drag-and-drop functionality simplifies configuration and streamlines management.

Supporting video, audio, RS-232, and KVM, the BG-IPGEAR-ULTRA-C delivers comprehensive system flexibility for both simple and complex installations.



## FEATURES



### ENHANCED SECURITY

Compatible with HTTPS and SSH security protocols, and supports video AES256 security encryption for secure operations



### WEB GUI CONTROL

Built-in Web GUI control interface supports Drag & Drop operations, making system configuration a breeze



### DUAL 1G NETWORK PORTS

Dual network ports with POE function support, isolating control and video networks for optimal performance



### IR SIGNAL SUPPORT

IR signal receiving and loop output via a 3.5mm audio jack (12V level), ensuring flexible control options



### RELIABLE & ROBUST DESIGN

Multiple circuits protection, lightning protection, and ESD design ensure reliable and stable 24/7 operation



### 4K UHD

Supports resolutions up to 4K@60Hz 4:4:4



## TECH SPECIFICATIONS

### Technical

Network Bandwidth	1G
Transmission Distance	100m (CAT5E/6/6A/7)
Control Ports	2 x 1G LAN [RJ45 connector] [VIDEO LAN supports PoE] 1 x IR IN [3.5mm audio jack, 12V level] 1 x IR OUT [3.5mm audio jack, 5V level] 1 x DIGITAL I/O [6-pin 3.81mm phoenix connector] 2 x RS-232 [3-pin 3.81mm phoenix connector] 1 x UPDATE [Micro USB, 5-pin female]

### Mechanical

Dimensions (WxDxH)	8.0in x 4.6in x 0.85in [204mm x 117.5mm x 21.5mm]
Housing	Metal Enclosure
Color	Black
Weight	1.3 lbs [597g]
Power Supply	12V/2.5A
Power Consumption	6.84W
Operation Temperature	32°F ~ 104°F / 0°C ~ 40°C
Storage Temperature	-4°F ~ 140°F / -20°C ~ 60°C
Operating Humidity	20% ~ 80% RH (relative humidity, non-condensing)
Storage Humidity	10% ~ 90% RH (relative humidity, non-condensing)



## Limited Product Warranty Terms

**Pro Line:** 5-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

**Essential Line:** 3-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

**Cables:** Lifetime Limited Product Warranty.

For complete warranty information, please visit [bzbgear.com/warranty](http://bzbgear.com/warranty).

For questions, please call 1.888.499.9906 or email [support@bzbgear.com](mailto:support@bzbgear.com).

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