



BG-IPGEAR-XTREME-W

4K UHD HDMI 2.1 OVER IP MULTICAST WALL PLATE
ENCODER/DECODER WITH SEAMLESS MATRIX
SWITCHING/MULTIVIEW/KVM/USB 3.2 & POE SUPPORT
OVER 1 GIGABIT NETWORK

The BG-IPGEAR-XTREME-W HDMI 2.1 Over IP Multicast Wall Plate System is a high-performance AV transmission solution designed to extend Ultra-HD 4K@120Hz 4:4:4 video and high-fidelity audio over long distances via standard Cat.5e cable. Supporting distances of up to 100 meters (330 feet) over copper, this system ensures uncompressed, high-quality transmission from HDMI sources such as Apple TV, PlayStation, Xbox, PCs, and other HDMI-enabled devices to remote displays.

With support for USB-C (Alt Mode DP 1.4), HDMI, and DisplayPort input, the BG-IPGEAR-XTREME-W is ideal for professional AV installations in corporate environments, digital signage, healthcare, gaming, and education sectors. The unit features bi-directional IR pass-through, USB 3.1 for UVC devices, and seamless video switching, making it a robust choice for interactive and multi-display setups.



HDMI 2.1 & HDCP 2.3

Delivers 4K@120Hz 4:4:4 with up to 40Gbps (FRL 5), HDR, VRR, ALLM, and eARC/ARC for premium video and audio



EXTENDED TRANSMISSION

Transmits uncompressed video and 7.1-channel audio up to 100m (330ft) over Cat.5e with zero degradation and auto equalization



FLEXIBLE CONNECTIVITY

Features HDMI, USB-C (DP 1.4 Alt Mode), 3.5mm audio, RJ-45 Ethernet, and USB 3.1 Gen1/Gen2 for peripherals and UVC webcams



ADVANCED VIDEO PROCESSING

Supports ultra-low latency switching, PiP, PbP, PoP (Chroma Key), and custom scaling for optimized display performance



NETWORK & CONTROL INTEGRATION

Enables IGMP Snooping, 802.1Q VLAN, bi-directional IR, RS-232, CEC bypass, EDID management, and software updates



RELIABLE BUILD

Compact metal enclosure with wall-mount support and ESD protection

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.

For questions, please call 1.888.499.9906 or email support@bzbgear.com.

Pro Line Products
5-YEAR WARRANTY
Essential Line Products
3-YEAR WARRANTY
Cables Products
LIFETIME WARRANTY

