



BG-IPGEAR-XTREME-F

4K/8K UHD HDMI 2.1 FIBER EXTENDER KIT WITH BI-DIRECTIONAL IR/RS-232/GIGABIT ETHERNET/USB & KVM

The BG-IPGEAR-XTREME-F is a cutting-edge HDMI 2.1 over fiber extender designed for mission-critical AV transmission in broadcast, medical imaging, eSports, control rooms, and high-end home theater applications. With support for uncompressed 4K60 4:4:4 and visually lossless 4K144 4:4:4, it also enables 8K@60Hz 4:4:4 DSC transmission, ensuring next-generation video performance with zero-frame latency over distances up to 10km (6.25 miles) via single-mode fiber optic cable.

Beyond video, this extender provides full-featured connectivity with bi-directional IR, full-duplex RS-232, USB 3.1 KVM, eARC/ARC, and 1Gb Ethernet pass-through. With its interference-free fiber optic transmission, the BG-IPGEAR-XTREME-F is engineered to deliver the ultimate in high-resolution video, data, and control extension over long distances.



8K & 4K HDR SUPPORT

Transmits up to 8K@60Hz 4:4:4 DSC, 4K@144Hz 4:4:4, and 4K@60Hz 4:4:4 uncompressed for pristine image quality



HDMI 2.1 & HDCP 2.3 COMPLIANCE

Ensures compatibility with gaming consoles, media servers, professional video switchers, and AV processors



48GBPS VIDEO BANDWIDTH (FRL 6)

Provides high-speed, zero-latency transmission for next-generation AV applications



DISPLAYPORT 1.4 (USB-C ALT MODE) INPUT SUPPORT

Connects directly to USB-C-enabled laptops, tablets, and workstations



UNCOMPRESSED 7.1CH HDMI AUDIO

Supports Dolby TrueHD, DTS-HD Master Audio, and LPCM formats



EARC/ARC PASS-THROUGH

Enables lossless Dolby Atmos and DTS:X audio transmission from displays to AV receivers

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

