



## BG-STREAM-E

HDMI TO IP/UVC POE ENCODER SUPPORTS H.264/  
H.265/AVC (DANTE AV-H READY)

The BG-STREAM-E HDMI to IP/UVC is a compact and efficient video converter that provides a seamless connection between HDMI inputs and IP or USB 3.0 UVC outputs. This device is ideal for high-definition video streaming and recording, offering robust features such as hardware compression, real-time recording, and support for multiple streaming protocols.

Supporting resolutions up to 1920x1080p at 60/50fps, the BG-STREAM-E delivers exceptional video quality. The device features advanced video processing with H.265/H.264/AVC encoding, enabling efficient compression without compromising performance. Audio support includes AAC-LC with a configurable bit rate range from 32Kbps to 384Kbps and a sample rate of 48KHz, ensuring clear and synchronized audio.



## FEATURES



### VERSATILE CONNECTION OPTIONS

HDMI, USB 3.0, and IP connections, including support for Dante AV-H and NDI|HX



### HIGH-QUALITY VIDEO PROCESSING

Capable of resolutions up to 1920x1080p at 60/50fps



### AUDIO SUPPORT

Features AAC-LC audio codec with configurable bit rate range



### NETWORK CAPABILITIES

Includes DHCP support and Power over Ethernet (POE) functionality



### USER-FRIENDLY INTERFACE

Accessible web UI for easy system configuration



### EXTENSIVE PROTOCOL SUPPORT

Compatible with RTSP, RTMP, HLS, TS, SRT, NDI HX, and Dante AV-H



# TECH SPECIFICATIONS

## Technical

Input Interface	Video: 1x HDMI
Output Interface	Video: 1x RJ45 (RTSP/RTMP/HLS/TS/SRT/NDI HX/Dante AV-H Support) 1x USB 3.0 Type B (UVC) output
Video Support	H.265/H.264/AVC, Baseline/Main/High Profile Supported HDMI output Resolutions: 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps
Audio Support	AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate: 48KHz, 16bit
Max. FPS	1920x1080p@60/50fps
Network / Ethernet Support	1x RJ45 for 10/100/1000Mbps Ethernet DHCP Client
Streaming Protocol Support	NDI Support (Separate License with NDI Required) Dante AV-H (Separate License with Dante AV-H Required) RTSP over UDP/TCP/Multicast/HTTP RTMP (Publish) TS over IP HLS
Additional Features	UVC Device Supported Web UI for System Configuration Firmware Upgradable
Power Supply	DC Input PoE Support
Unit Dimensions	4.1in x 2.8in x 1in [103.8mm x 71.2mm x 26mm]

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

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**5-YEAR WARRANTY**  
Essential Line Products  
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