



BG-STREAM-D

IP/UVC TO HDMI 2.0 POE DECODER SUPPORTS
H.264/H.265/AVC (DANTE AV-H READY)

The BG-STREAM-D IP/UVC to HDMI 2.0 is a versatile and compact video decoder that bridges the gap between various video input sources and HDMI output. Featuring a single RJ45 input, USB 3.0 Type A (UVC) input, and HDMI 2.0 output, this device is ideal for high-definition video processing and streaming. It is powered through a secure locking DC jack, ensuring stable and reliable operation.

It provides seamless connectivity options through its RJ45 and USB 3.0 inputs, delivering output via HDMI 2.0. This device is designed to handle high-resolution video up to 4096×2160p at 60/50fps, making it suitable for professional AV setups, live streaming, and broadcasting applications.

The device supports a wide range of streaming protocols, including RTSP, RTMP, HLS, TS, SRT, NDI HX, and Dante AV-H, providing flexibility and compatibility with various streaming platforms. The integrated web UI offers an intuitive interface for system configuration, ensuring user-friendly operation and easy setup.



FEATURES



VERSATILE CONNECTION OPTIONS

Supports IP, USB-A 3.0, and HDMI 2.0 connections



HIGH-QUALITY VIDEO PROCESSING

Capable of resolutions up to 4K@60Hz with downscaling ability



COMPREHENSIVE AUDIO SUPPORT

Utilizes AAC-LC codec with a configurable bit rate range from 32Kbps to 384Kbps



ADVANCED NETWORK CAPABILITIES

Includes DHCP support and Power over Ethernet (PoE) functionality



EXTENSIVE PROTOCOL SUPPORT

Covers RTSP over UDP/TCP/Multicast/HTTP, RTMP, TS over IP, HLS, NDI, and Dante AV-H



USER-FRIENDLY INTERFACE

Features an accessible web UI for easy system configuration



TECH SPECIFICATIONS

Technical

Max FPS	4096x2160p@60/50fps
Recording Modes	Hardware Compression, Real-Time Mode
Input Interface	Video: 1x RJ45 (RTSP/RTMP/HLS/TS/SRT/NDI HX/Dante AV-H Support) 1x USB 3.0 Type A (UVC) input
Output Interface	Video: 1x HDMI 2.0
Video Support	H.265/H.264/AVC, Baseline/Main/High Profile Supported HDMI output Resolutions: 4096x2160p@60/50fps 4096x2160p@30/25/24fps 3840x2160p@60/50fps 3840x2160p@30/25/24fps 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
Network Features	1x RJ45 for 10/100/1000Mbps Ethernet DHCP Client
Streaming Protocols	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
Power Supply	12V DC input POE input
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.
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



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