BZBGEAR®

Amplify Your World™

BG-STREAM-DE

1 CHANNEL SDI/HDMI ENCODER/DECODER/ RECORDER WITH AUDIO/USB 3.0 FOR STORAGE (DANTE AV-H READY)

The BG-STREAM-DE is a versatile and powerful video and audio streaming decoding/encoding solution designed for both professional and personal use. This all-in-one device supports 1x HDMI 2.0 or 1x SDI input and loop-through, with an additional HDMI 2.0 output for seamless video integration. It also features a 3.5mm analog audio input for audio embedding and a 3.5mm analog audio output for audio de-embedding, making it a comprehensive tool for high-quality media production and streaming.

Supporting a maximum resolution of 1920x1080p at 60/50fps, the BG-STREAM-DE includes advanced video features such as H.265/H.264/ AVC encoding and a range of output resolutions to meet different display and recording needs. Audio capabilities include AAC input streams for high-quality sound. With an RJ45 port supporting 10/100/1000Mbps Ethernet and multiple streaming protocols like NDI, Dante AV-H, RTSP, RTMP, and HLS, this device offers extensive streaming flexibility. Users can record in MP4, TS, and MOV formats and utilize various streaming formats, including RTSP, NDI-HX, HLS, RTMP, SRT, TS, and Dante AV.

FEATURES

VERSATILE CONNECTION OPTIONS

HDMI 2.0 & SDI inputs; HDMI 2.0 (PGM), HDMI & SDI (Loop-through) outputs

COMPREHENSIVE AUDIO

3.5mm analog input & output

RECORDING & STREAMING

1080p60 (MP4, TS, MOV); supports NDI, Dante AV-H, RTSP, RTMP, HLS, SRT, TS

SIMPLE NETWORK CONFIGURATION

DHCP Client support

CONTROL OPTIONS

Convenient control via USB keyboard/ mouse and web UI

INTUITIVE LED INDICATORS

Effortless Status Monitoring at a Glance

TECH SPECIFICATIONS

Technical

Max FPS	1920x1080p@60/50fps
Recording Modes	Hardware Compression, Real-Time Mode
Input Interface	Video: 1x HDMI 1x SDI Audio: 1x 3.5 mm Phone Jack
Output Interface	Video: 1x HDMI 2.0 (PGM) 1x HDMI (Loop-through) 1x SDI (Loop-through) Audio: 1x 3.5 mm Phone Jack
Video Support	H.265/H.264/AVC, Baseline/Main/High Profile Support input / output resolutions: 3840x2160p@60/50fps (Output only) 3840x2160p@30/25/24fps (Output only) 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 720x480i@60fps 720x576i@50fps
Audio Support	Input Audio Stream: AAC
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) TS Over UDP (Unicast & Multicast) RTSP Over HTTP/TCP/UDP (RTSP Elementary Stream) RTMP (Publish) HLS
Recording Formats	MP4 / TS / MOV
Additional Features	Web UI for System Configuration Firmware Upgradable LED Indicator 1x USB 3.0 Host for USB Storage 2x USB 2.0 (For Keyboard and mouse usage)

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
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Essential Line Products
3-YEAR WARRANTY

Cables Products
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