

ProHD Streaming Decoder BR-DE800

September 2015

New ProHD Streaming Decoder BR-DE800



The ProHD BR-DE800 Streaming Decoder is a high-performance IP decoding appliance for standard definition and high definition MPEG-2 and MPEG-4 H.264 streams, ideal for use with JVC streaming cameras including the GY-HM200, GY-LS300, GY-HM650, GY-HM850 and GY-HM890 cameras. The decoder features a flexible selection of output interfaces, including 3G, HD-SDI, HDMI and Composite video.

It comes in a fan-less, portable design, and is ideal for portable and stationary applications. The ProHD BR-DE800 supports various streaming protocols including UDP, RTP, RTSP, ZiXi and Pro-MPEG FEC.

Highlights:

- Broadcast quality decoding of HD/SD streams from ProHD cameras
- Dual HD/SD-SDI outputs
- Single HDMI output
- Composite video, analog audio output
- 10/100 Ethernet connection
- Resolution: QCIF - Full HD (1.920 x 1.080)
- Military grade enclosure
- ZiXi license optional via ZiXi



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Technical Specification:

Supported IP Input Stream Formats:

MPEG-4 H.264 HP@L4 up to 20.0 Mbps
MPEG-4 H.264 MP@L3 up to 20.0 Mbps
MPEG-4 H.264 BP@L2 up to 10.0 Mbps
MPEG-2 MP@HL up to 20.0 Mbps
MPEG-2 MP@ML up to 12.0 Mbps
MPEG-1 up to 2Mbps
Resolutions: QCIF - Full HD 1920x1080
Frame rates: 1-60
Color systems: PAL and NTSC
Aspect Ratio: 4:3 and 16:9
Streaming Protocols: UDP / RTSP
(MPEG-2 TS encapsulation)
Multicast and Unicast

Supported Audio Formats:

MPEG-1 L2
AAC, AAC-LC, AAC+

Input Interface:

1 x 10/100 Ethernet port

Output Interfaces:

1 x HD-SDI
1 x SD-SDI (downscales HD sources on-the-fly)
1 x HDMI
1 x Composite
1 x mini-jack for unbalanced stereo audio
Embedded audio on HD/SD-SDI and HDMI interfaces

Electrical:

Input Power: 90 - 240VAC
Max. Power Consumption: 6W

Management:

SSH application for system configuration and remote management
On-screen graphical interface for system configuration and browsing live and on-demand content from EZ TV / FITIS Systems
Remote firmware and software upgrade capability via command line
Telnet/SSH API for integration with third-party systems

Compliance:

Operating Temperatures: 0C to 70C
(32F to 158F)
Relative Humidity: 5% to 95% (non-condensing)
EMC Standards: FCC part 15 class B and CE

Physical:

Enclosure: Military-grade rugged aluminum case, portable and rack-mount options
Dimensions: 43mmH x 190mmW x 198mmD
(1.69"H x 7.48"W x 7.79"D)
Weight 4.20 lb (1.90 Kg)
Fan-less design with mounting holes for securing to walls
Optional racking-kit for standard 19" wide IT racks