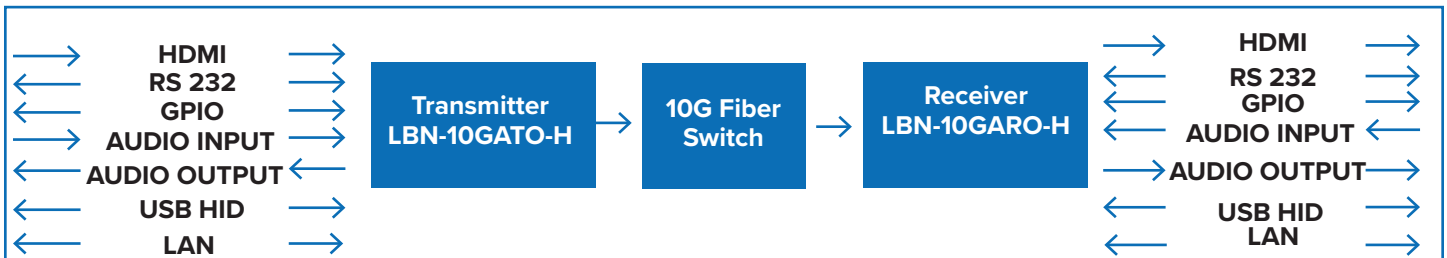
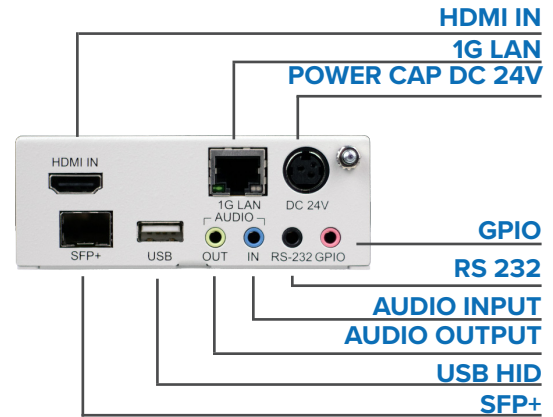
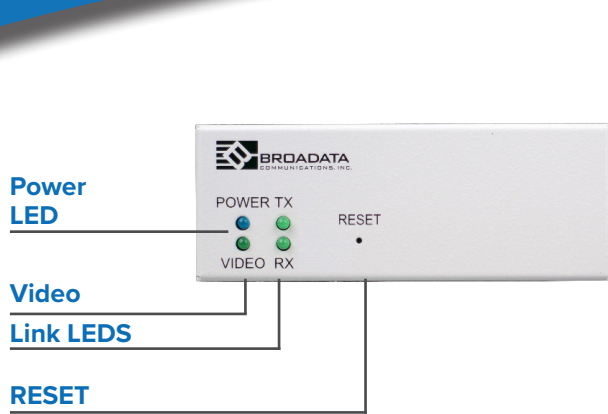




HDMI Standalone Encoder LBN-10GATO-H



FEATURES

- Supports HDMI (up to 4K60) over 10G Fiber IP Network
- Visually Lossless Compression with zero-frame latency
- SFP+ Optical Transceiver (MMF/SMF)
- RS-232
- Audio Input & Output
- General Purpose I/O
- USB-HID
- Up to 1Gbps LAN
- Switcher-style routing using simplified REST-API
- 128-bit AES encryption
- Fully compliant and inter-operable with other SDVoE products
- Low power consumption and fanless operation due to Semtech AVP2000 ASIC
- Enables switching and extension of AV over Ethernet networks
- No switching time when used in Fast Switch mode.
- Supports 4K60 RGB/4:4:4, HDR, 3D and broadcast-friendly 4K60 12-bit 4:2:2
- External Audio independent from HDMI embedded/deembedded Audio

VIDEO SPECIFICATIONS

Video Input	HDMI
Input Resolution (Tx)	Up to 4K60
Output Resolution (Rx)	HDMI : Up to 4K60

LAN

Channel Capacity	1
Ethernet Speed	10/100/1000Base-T
Connector	RJ-45

GPIO

General Purpose I/O	2 IN/1 OUT
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RS-232

Baud Rate:	115200baud
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AUDIO

Stereo Audio Input	1x LINE Input (3.5mm Stereo Audio Jack)
Stereo Audio Output	1x LINE Output (3.5mm Stereo Audio Jack)

USB

USB (HID)	1x USB-A (For DEVICE, requires adapter cable)
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PHYSICAL

Power Indicator	LED
Link Indicator (Tx/Rx)	LED
Video Indicator	LED
Input Voltage	12V ~ 24V DC
Dimensions	4.00(W) x 5.31(D) x 1.50(H)
Operating Temperature	Operation: 0 to 40°C
Humidity	Storage: 10% ~ 90% RH

FIBER OPTIC SDVOE IP OUTPUT

Encoding Scheme	Blueriver AVP2000
Transceiver Type	10G SFP+ module
Number of Fibers	2 MMF/SMF (OM3-300m/SMF-1Km)
Connector	LC

GREEN COMPLIANCE

RoHS, REACH

ORDERING INFO

LBN-10GATO-H HDMI Standalone Encoder

PANEL DRAWING

