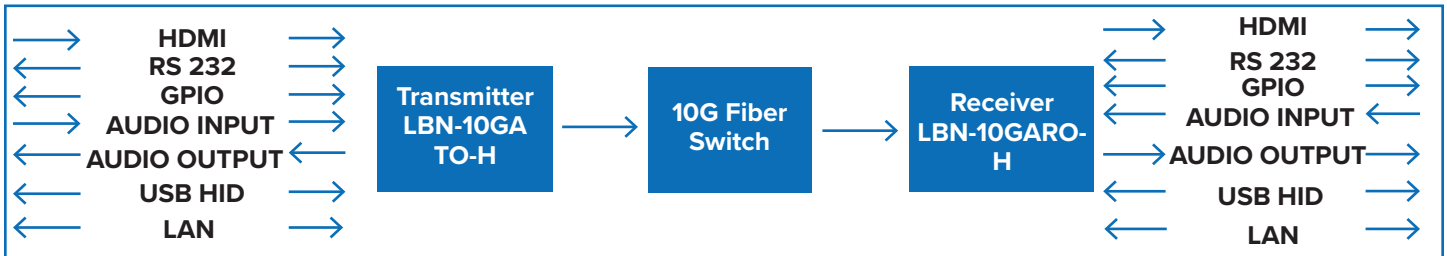


# LinkBridge™ Network HDMI 10G Standalone Decoder

## LBN-10GARO-H



### FEATURES

- Supports HDMI 2.0 (up to 4K60 4:4:4) over 10G Fiber IP Network
- Visually Lossless Compression with zero-frame latency
- SFP+ Optical Transceiver (MMF/SMF)
- AV processing supports video wall and single-frame switching
- HDMI Output Video Format
- RS-232
- Audio Input & Output
- General Purpose I/O
- USB-HID
- 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 based on Semtech AVP2000 ASIC
- Enables switching and extension of AV over Ethernet networks
- No switching time when used in Fast Switch mode.
- Broadcast quality scaler, programmable to scale up or down any resolution
- Supports up to 4K60 output
- Supports 4K60 RGB/4:4:4, HDR, 3D and broadcast-friendly 4K60 10-bit 4:2:2
- External Audio independent from HDMI embedded/deembedded Audio

## VIDEO SPECIFICATIONS

<b>Video Input</b>	HDMI
<b>Output Resolution (Rx)</b>	HDMI : Up to 4K60 4:4:4

## LAN

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

## GPIO

<b>General Purpose I/O</b>	2 OUTPUT/1 INPUT
----------------------------	------------------

## RS-232

<b>Baud Rate:</b>	115200baud
-------------------	------------

## AUDIO

<b>Stereo Audio Input</b>	1x LINE Input (3.5mm Stereo Audio Jack)
<b>Stereo Audio Output</b>	1x LINE Output (3.5mm Stereo Audio Jack)

## USB

<b>USB (HID)</b>	1x USB-A (For HOST, requires adapter cable)
------------------	--

## PHYSICAL

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

## FIBER OPTIC SDVOE PORT

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

## GREEN COMPLIANCE

**RoHS, REACH**

## ORDERING INFO

**LBN-10GARO-H** HDMI Standalone Decoder

## PANEL DRAWING

