



RS-232
USB HID
HDMI

LBN-10GATO-H-WP

10G Fiber Switch

LBN-10GATO-R-WP

RS-232
USB HID
HDMI

Overview

- Supports HDMI (up to 4K60) over 10G Fiber IP Network
- Visually Lossless Compression with zero-frame latency
- SFP+ Optical Transceiver (MMF/SMF)
- HDMI Input Video Format
- RS-232
- Switcher-style routing using simplified REST-API
- Audio Input & Output
- USB-HID
- AV processing supports video wall and single-frame switching
- 128-bit AES encryption

Features

- 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.
- Independent switching with zero-frame latency for all signal types
- Broadcast quality scaler, programmable to scale up or down any resolution
- Supports 4K60 RGB/4:4:4, HDR, 3D and broadcast-friendly
- 4K60 12-bit 4:2:2
- HDMI audio embedding, de-embedding

HDMI Wall Plate Encoder

VIDEO SPECIFICATIONS

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

GPIO (OPTIONAL)

General Purpose I/O	1CH
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AUDIO

Stereo Audio Input	1x LINE Input
Stereo Audio Output	1x LINE Output

RS-232

Baud Rate	115200/8N1
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USB

USB (HID)	1x Micro-USB (For HOST, requires adapter cable)
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FIBER OPTIC SDVOE IP OUTPUT

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

PHYSICAL

Power Indicator	LED
Link Indicator (Tx/Rx)	LED
Video Indicator	LED
Input Voltage	12V/24V DC
Dimensions	2.92(W) x 3.22(D) x 4.61(H)
Operating Temperature	0 to 40°C
Humidity	10 ~ 90% RH, Non-Condensing

GREEN COMPLIANCE

RoHS 3, REACH

ORDER INFORMATION

LBN-10GATO-H-WP HDMI Wall Plate Encoder

PANEL DRAWING

