

VEGA 1000 Series

HDMI 2.0 over IP Multicast Transceiver System



Features

- Supports HDR and up to 4K@60 4:4:4
- Supports HDMI 2.0 & HDCP 2.2
- Lite compression with less than 100us latency for 4K2K@60 4:4:4
- Extends the transmission up to 400m from HDMI source at Ultra HD 4K2K@60 4:4:4
- Supports 4K@60 transmitter and receiver mode
- Slide switch to select transmission over copper or SFP (Fiber)
- Pure unaltered uncompressed 7.1ch digital HDMI over IP transmission
- Bi-directional analog audio path-through
- Supports seamless switching, Video Wall and Multi-view function
- VEGA-1100 supports full duplex 4K@60 transmitter and receiver
- VEGA-1101 supports POE

Introduction

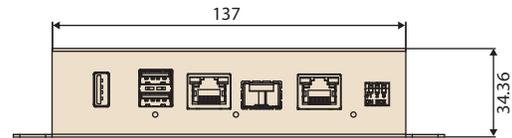
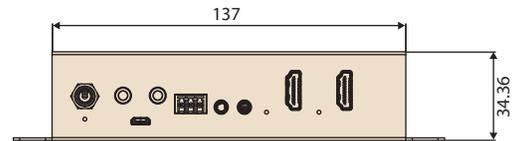
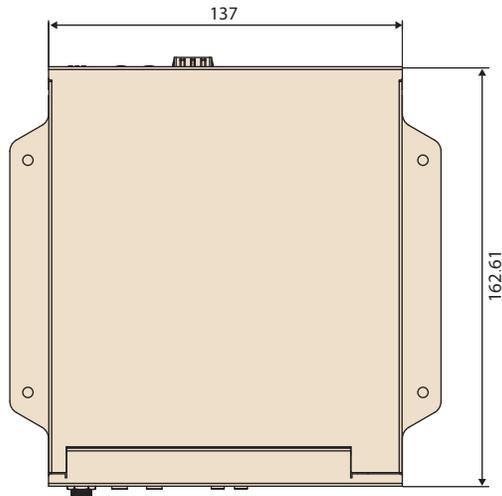
VEGA-1000 series HDMI 2.0 over IP Multicast System with bi-directional IR, RS-232, audio extender/extractor. Video wall support boosts your video/audio transmission distance up to 400m in Ultra-HD 4K2K@60(4:4:4) format. Users can readily extend Ultra-HD sources from Blu-ray Disc player, PS4, PC, and any other HDMI sources to distant display / monitor, including HDMI enabled TV sets or LCD PC monitors. VEGA-1000 series is also HDCP compliant, moreover it supports IR & RS-232 pass-through, audio extender/extractor, video wall, and multi-view.

Specifications

Model		VEGA-1000	VEGA-1100	VEGA-1101
System	Processor	BlueRiver (AVP2000)	BlueRiver (AVP2000T)	BlueRiver (AVP2000T)
Front I/O	DC power	1	1	1
	IR-in	1	1	1
	IR-out	1	1	1
	Maintenance	1	1	1
	RS232	1	1	1
	Line-in	1	1	1
	Line-out	1	1	1
	HDMI-in	1	1	1
Rear I/O	HDMI-out	1	1	1
	USB HID	3	3	3
	10G RJ45	1	1	-
	10G POE	-	-	1
	10G SFP+	1	1	1
	1G RJ45	1	1	1
	Mode switch	1	1	1
Mechanical	Dimensions (W x L x H)	162 x 172 x 30mm		
	Weight	685g		
Power Management	Input	12V DC		
	Power consumption	12.5W		
Environment	Operation Temperature	0 to 40° C		
	Storage	-20 to 60° C		
	Humidity Operational	20% to 90 % RH		

Dimensions

Unit: mm

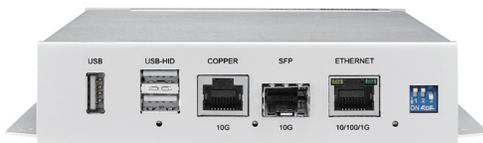


I/O View

Front



Rear



Order Information

Part Number	Product Description
VEGA-1000-B1HCFB	SDVoE HDMI 2.0 over IP Transmitter and receiver generic sku
VEGA-1000-B1HCFM	SDVoE HDMI 2.0 over IP Transmitter and Receiver Medical sku
VEGA-1100-B1HCFB	SDVoE HDMI 2.0 over IP Transceiver Generic sku
VEGA-1100-B1HCFM	SDVoE HDMI 2.0 over IP Transceiver Medical sku
VEGA-1101-B1HCFB	SDVoE HDMI 2.0 over IP Transceiver POE sku

Optional Accessories

Part Number	Description
SFP-XMM-LC1-400	SFP+SR/10G-ED, MM850/LC 400m, -10 ~ 70 °C
98R2V100000	VEGA-1000 Series VESA Mount Bracket Pack

Packing List

Item	Amount
IR blaster	1
IR receiver	1
3PIN Terminal Block	1
Screw kit (4x20mm) (2pcs/bag)	2