

# VEGA-1000

## Bi-directional HDMI 2.0 Transceiver Extender



### 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 over cat.6A cable up to 100m (330ft) from the HDMI source at Ultra-HD 4K2K@60 4:4:4
- Extends the transmission over multi-mode optic cable up to 300m (990ft) (OM3) / 400m (1320ft)(OM4)
- Supports full duplex transmitter and receiver when 4K@60 4:4:4
- Slide switch to select transmission over copper or SFP (Fiber)
- Pure unaltered uncompressed 7.1ch digital HDMI over IP transmission
- Supports bi-directional full frequency IR signal from 20KHz to 60KHz
- Bi-directional analog audio path-through

### Introduction

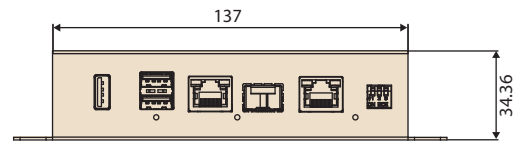
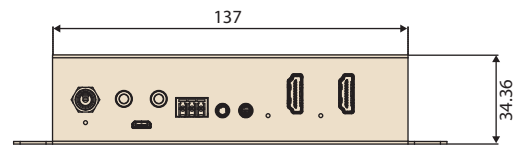
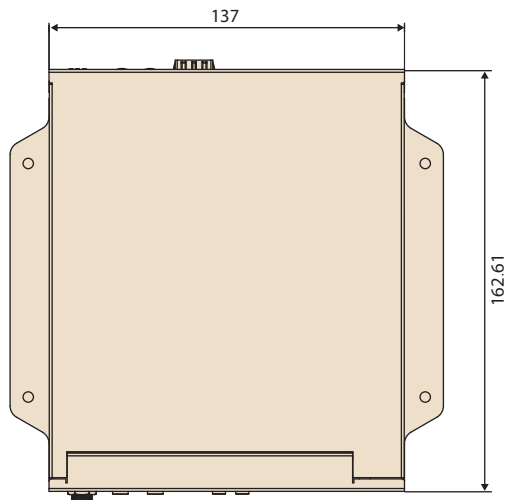
VEGA-1000 HDMI 2.0 Transceiver Extender with bi-directional IR, RS-232, audio extender/extractor. Video wall support boosts your video/audio transmission distance up to 100m over a cat.6a copper or 400m over a OM4 fiber in Ultra-HD 4K2K@60(4:4:4) format. Users can readily extend Ultra-HD sources from Blu-ray Disc player, PS4, PC, and any other HDMI sources to distant display / monitors, including HDMI enabled TV sets or LCD PC monitors.

### Specifications

Model	Part number	VEGA-1000	
System	Processor	Semtech BlueRiver	
Front I/O	DC power	1	
	IR-in	1	
	IR-out	1	
	Maintenance	1	
	RS232	1	
	Line-in	1	
	Line-out	1	
	HDMI-in	1	
HDMI-out	1		
Rear I/O	USB HID	3	
	10G RJ45	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	Temperature	Operational	0 to 40° C
		Storage	-20 to 60° C
	Humidity	Operational	20% to 90 % RH

## Dimensions

Unit: mm

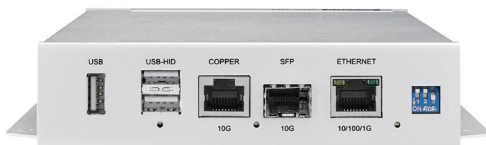


## I/O View

### Front



### Rear



## Order Information

Part Number	Product Description
VEGA-1000-B1HCF0	Bi-directional audio/video extender
SFP-XMM-LC1-400	SFP+SR/10G-ED, MM850/LC 400m, -10 ~ 70 °C
98R2V100000	VEGA-1000 Series VESA Mount Bracket Pack