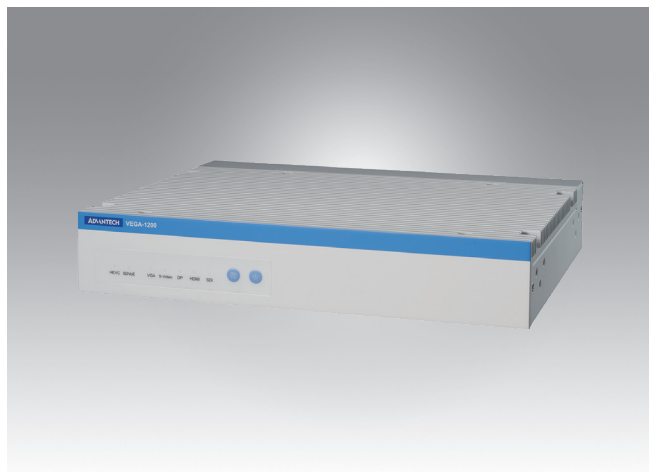# VEGA-1200

4K SDVoE Hybrid Encoder/Recorder

Features

- Zero Latency 4K HDR SDVoE Video encoder/decoder over 10G Fibre or Copper
- Loopout HDMI output for real-time view
- Provides high quality live HEVC encoding up to 4Kp60 10bit for streaming or local recording. NDI/SRT portocal supported
- Web GUI configuration and security link provide easy control and high safety
- Chemical resistance front panel with control button for easily cleaning and disinfecting

Introduction

VEGA-1200 is a zero-latency 4K SDVoE hybrid encoder/decoder. Aimed at medical video imaging applications, VEGA-1200 supports high-quality live HEVC and AVC encoding (up to 4Kp60), as well as SDVoE functionality, to enable real-time video recording and broadcasting.
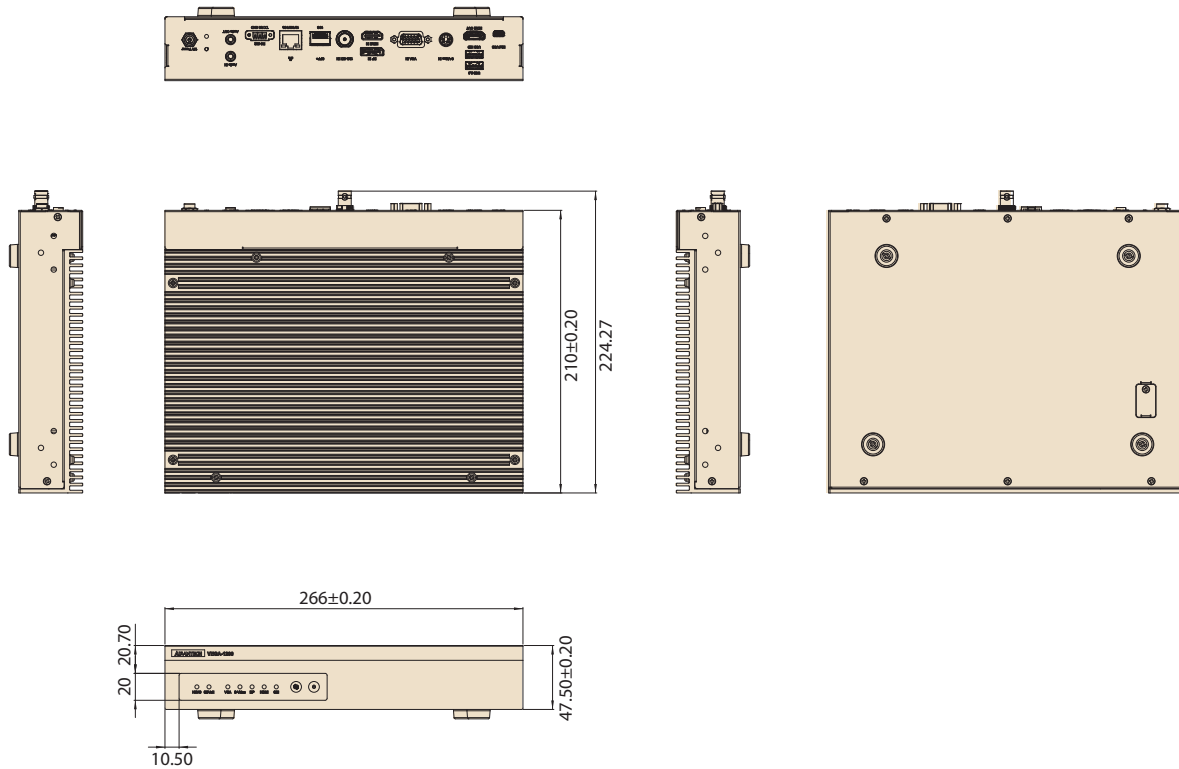
VEGA-1200 hybrid encoder/decoder not only facilitates medical image and video recording, but takes it one step further by also supporting all analog, digital, and IP video input sources.

Specifications

Processor System	CPU	SemTech BlueRiver, Ambarella H2
	Memory	2Gb DDR3 x 2
Connectivity	Ethernet	RJ45 x 1 (10/100/1000 Mbps)
	SFP+	SFP module 10G Fiber or RJ45 copper
I/O	Button	Power on/off switch; Video source input selection
	HDMI In	x 1
	HDMI out	x 1 (TX: Loop out/ RX: output)
	S-Video in	x 1
	VGA in	x 1
	Display Port in	x 1
	12G-SDI in	x 1
	USB (Type-A)	USB 2.0 x 1 for local storage; HID x 1
	Mini USB	x 1 (Console)
	RS-232	x 1 (Tx/Rx/G)
	Reset to Factory	x 1
	Audio	In x 1 / Out x 1
	Power D/C Jack	x 1
Environment	Operating Humidity	95% @ 40 °C (non-condensing)
	Operating Temperature	0 ~ 40 °C
Certification	Certifications/Compliance	CE, FCC, 60601,RoHS, REACH
Power	Power Consumption	20W
	Power Type	DC Jack (Medical grade power adapter)
	Supply Voltage	12V
Mechanical	Dimension	266 x 210 x 47.5mm
	Install	Rack mount
	Weight	2.89kg
Expansion	Storage	Via USB

Dimensions

Unit: mm [inch]

210±0.20

224.27

266±0.20

20.70

20

47.50±0.20

10.50

Ordering Information

Part Number	Product Description
VEGA-1200-B4MSFM	4K SDVoE Hybrid Encoder/Recorder
SFP-XMM-LCI-400	SFP+ SR/10G-ED, MM850/LC 400m, -10 ~ 70 °C
SFP-10GTX	SFP+ RJ45, 10G (30m), 0 to +70 °C