

# AVAS-223

## Medical Grade SDVoE 4Kp60 Encoder/Decoder



### Features

- SDVoE technology with dual link 10Gx2 bandwidth transmission for true 4K video
- Uncompressed 4Kp60 RGB 444 in genlock mode
- Ultra-low latency
- Video, audio, and USB transmission over IP
- Thumbnail image preview on controller AP
- Remote web control for video dispatching
- Windows-based open SDK/API with user friendly demo AP

### Introduction

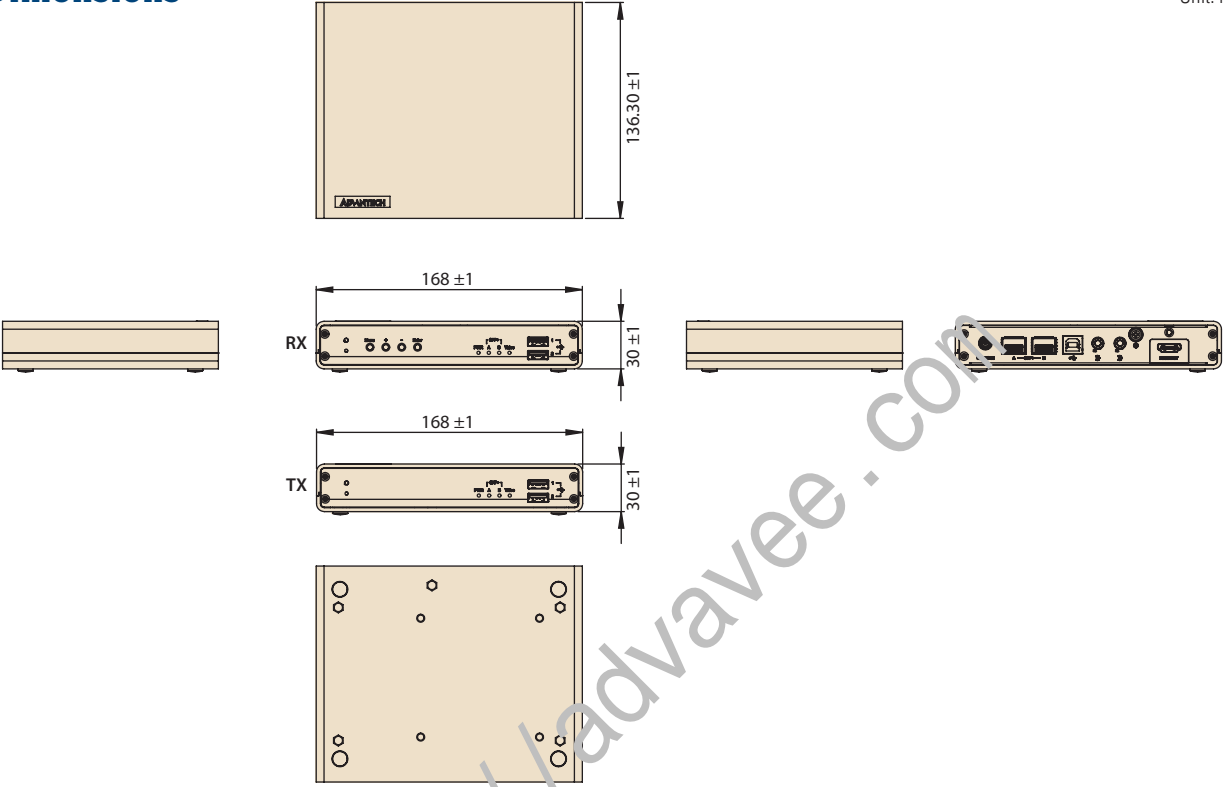
AVAS-223 is a zero-latency SDVoE encoder/decoder designed for audio and video transmission in healthcare applications. With 10Gx2 bandwidth, AVAS-223 supports high-quality 4Kp60 images and can integrate a variety of signals like video, image, audio and data among an IP network. AVAS-223 provides an open API and SDK for upper-level software development and integration, enabling the creation of a seamless and secure video quality for video streaming solutions.

### Specifications

Video	Input Resolution	Up to 4Kp60 UHD (1096 x 2160, 60 fps), RGB 444, 1 x uncompressed video
	Output Resolution	Up to 4Kp60 UHD (1096 x 2160, 60 fps), RGB 444, 1 x uncompressed video
	MultiView Layout	Picture-in-Picture, Side-by-Side, Quad view, 1+3 bottom, 1+3 right
Audio	Audio	Analog audio in/out
Network	Network Bandwidth	10G x2
	Network Cabling	SFP+ x2
I/O	HDMI In (TX)	1 x HDMI 2.0 Type A 19pin, female
	HDMI Out (RX)	1 x HDMI 2.0 Type A 19pin, female
	Audio In	1 x audio in 3.5mm stereo jack connectors
	Audio Out	1 x audio out 3.5mm stereo jack connectors
	USB Device	1 x USB 2.0 type B connector
	USB Host	2 x USB 2.0 type A connectors
	Grounding	1 x equipotential terminal
	DC Input	1 x 12V DC jack connector
	Status LED	1 x PWR 2 x SFP+ (A and B) 1 x video
	Button (Only for RX)	1 x menu 1 x enter/info 1 x "+" key 1 x "-" key
SFP+ Slot	2 x SFP+ modules	
Certification	FCC, UL 60601, CE EN60601, CB EN60601	
Environment	Operation Temperature	0 °C to +40 °C
	Storage Temperature	-10 °C to +50 °C
Physical Characteristics	Dimension	168 x 136.3 x 30 mm
	Weight	0.85 kg
	VESA Mount	75 x 75 mm
Accessories	Medical DC power adapter: 12V/2.5A	

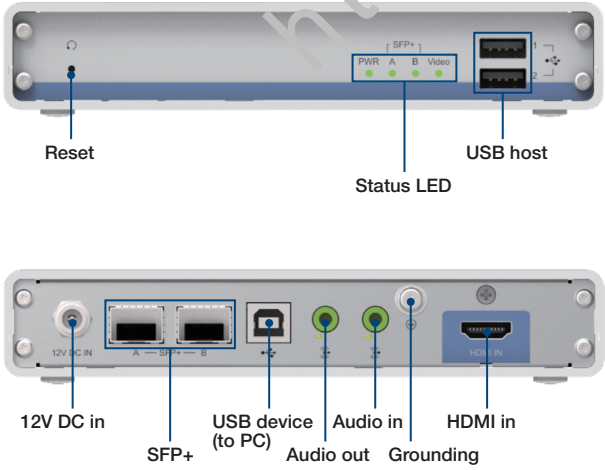
### Dimensions

Unit: mm



### I/O

#### Encoder



#### Decoder

