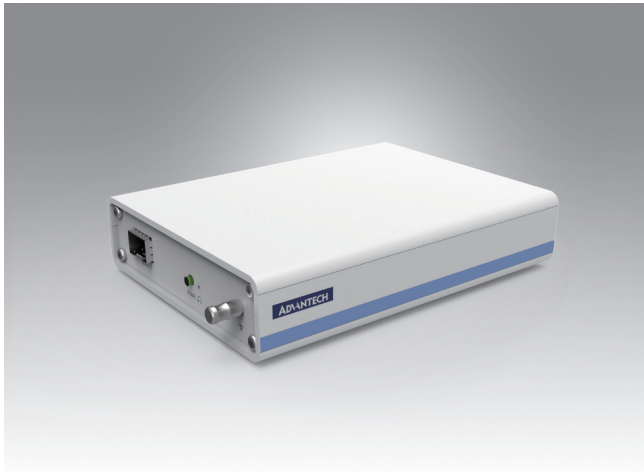


AVAS-212S Preliminary

Medical Grade 4Kp60 Video Encoder/Decoder



Features

- Proprietary technology over 10G network
- Uncompressed 4Kp60
- Ultra-low latency, fast, lossless video transmission over IP
- Signals (video, images, audio, USB, and more) are transported via 10G optical fiber
- Multiple video sources can be displayed simultaneously on a screen with integrated video management
- Mouse and keyboard control the system behind the displayed images with superior hand/eye coordination even in QuadView or MultiView mode
- Open API for upper level software integration

Introduction

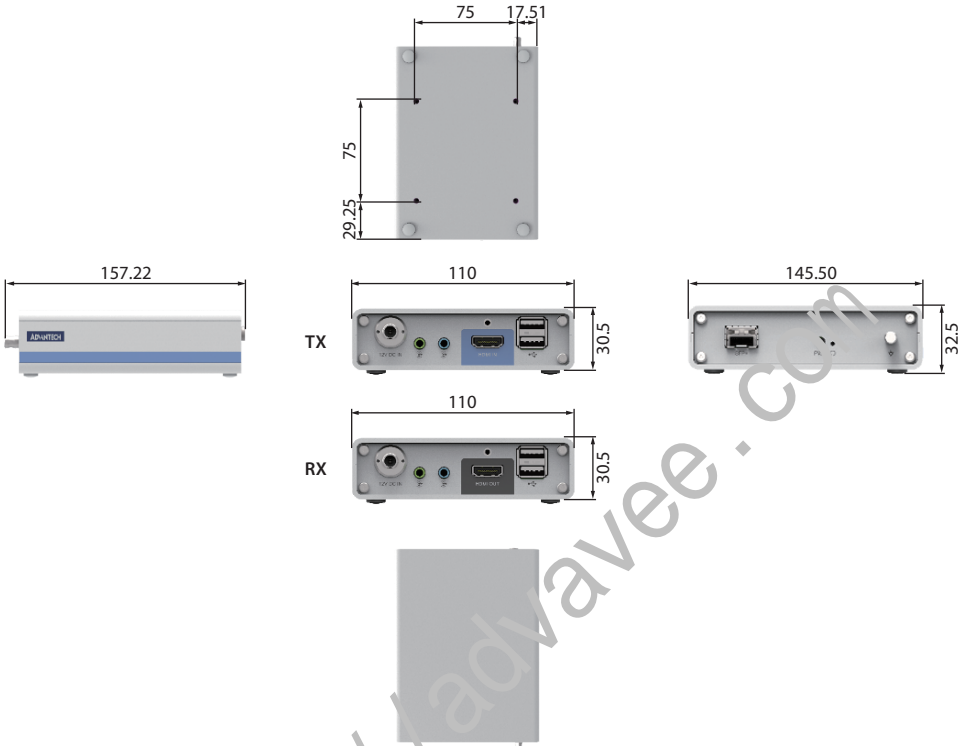
The AVAS-212S is an IP network-based 10G system designed to deliver uncompressed 4Kp60 images, ultra-low latency, and lossless video transmission over IP, optimizing user experience. With its IP network infrastructure, it can integrate various signals, including video, images, audio and data through a single route. Open API and SDK are also available for upper-level software development and integration. Furthermore, through its KVM function, the AVAS-212S offers ease of system control from different locations. The AVAS-212S is perfect for medical centers, theaters, and consulting rooms that require 4K UHD cameras and monitors to meet their surgical workflow requirements accurately.

Specifications

Video	Input Resolution	Up to 4Kp60 UHD (4096 x 2160, 60 fps), 1 x uncompressed video
	Output Resolution	Up to 4Kp60 UHD (4096 x 2160, 60 fps), 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 x1
	Network Cabling	CFP+ x1
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
Certification	CE/FCC/MDR/UL 60601-1	
Environment	Operation Temperature	0 °C to +40 °C
	Storage Temperature	-10 °C to +50 °C
Physical Characteristics	Dimension	145.5 x 110 x 30.5 mm
	Weight	0.52 kg
	VESA Mount	75 x 75 mm
Accessories	Medical DC power adapter: 12V/2.5A	

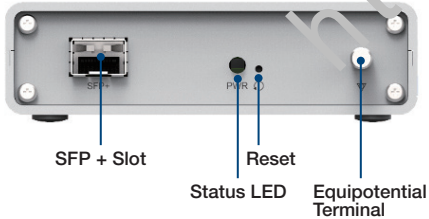
Dimensions

Unit: mm

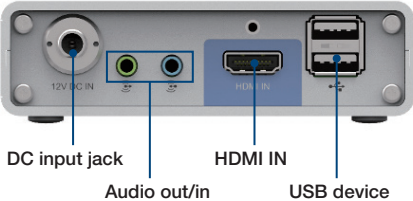


I/O

Encoder/Decoder



Encoder



Decoder

