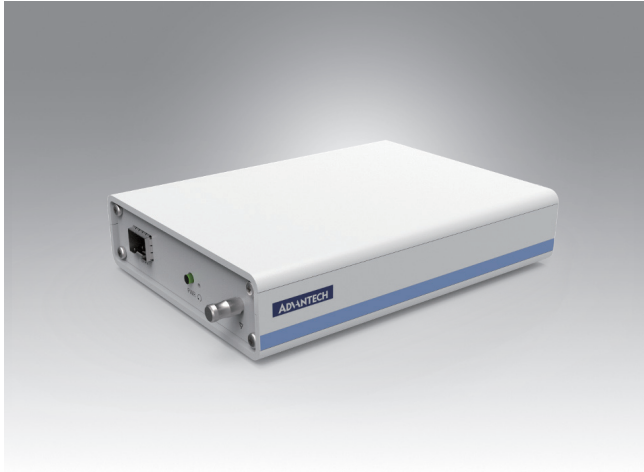


# AVAS-212S

## 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

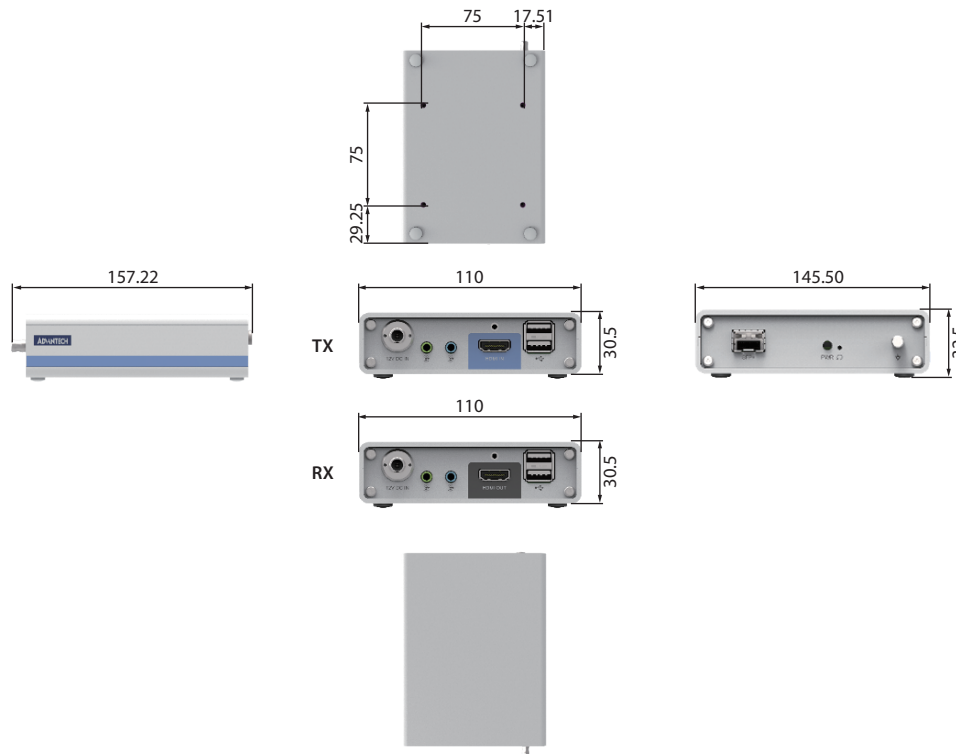
The AVAS-212S is an IP network-based 10G system designed to deliver uncompressed 4Kp60 images, ultra-low latency, and lossless video transmission over IP, optimizing user experience. With its IP network infrastructure, it can integrate various signals, including video, images, audio and data through 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	SFP+ 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	

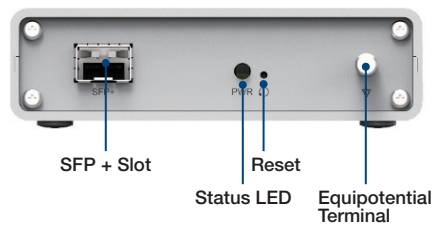
## Dimensions

Unit: mm

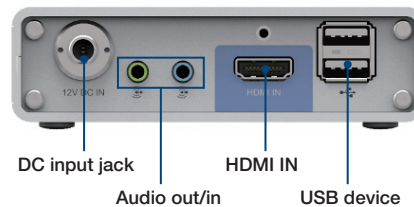


## I/O

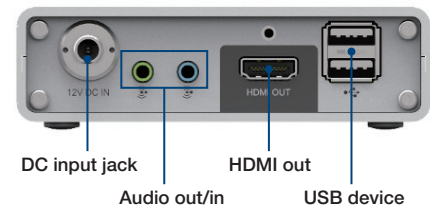
### Encoder/Decoder



### Encoder



### Decoder



## Ordering Information

Part Number	Description
AVAS-212S-THB0-D00	Medical Grade Video Encoder
AVAS-212S-RHB0-D00	Medical Grade Video Decoder

## Packing List

Part Number	Description	Qty
AVAS-212S	Medical Grade Video Encoder/Decoder	1
XAVAS-HPU32A-105	Adaptor 100-240V 30W 12V DC Jack	1

## Optional Item

Part Number	Description
1702002605	Power Cord (Europe) 1.8M
1702002600	Power Cord (USA) 1.8M
1700032693-11	Power Cord (UK) 1.8M