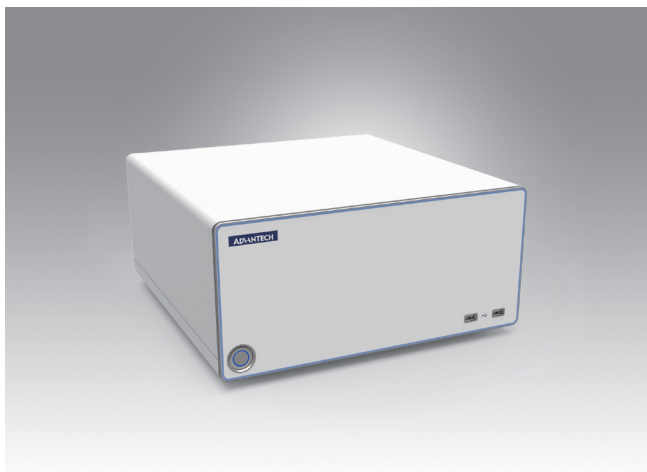# AVAS-402

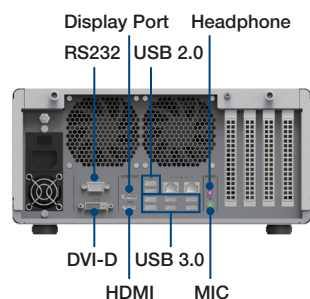**Medical VMS/Recorder and Computing Platform**

Features

- Multi channels are supported to record 4K and FHD medical videos simultaneously
- H.265 recording technique enables to save high quality video while conserving storage capicity
- Video source can be previewed with 4Kp60 to make medical video accessible
- An open SDK and API enable user to integrate the product into environment or workflow management system
- Support Windows 10/Linux Kernel Operation System, FCC/CE/MDD 60601/UL/CB/CCC Certifications
- Support windows video recording and video management software
- Support Intel® Xeon®/6th & 7th Gen Core™ i7/i5/i3 processor with Q170/C236/H110 chipset
- Supports Software RAID 0,1,5,10, TPM 1.2/2.0 (optional)

Specifications

Video	Input Resolution (Capture Card)	Up to 4K UHD
	Output Resolution (Graphic Card)	Up to 4K UHD
	Compression Format	MPEG2 H.264, H265
Audio	Audio	2 (Mic-in/ Line-out) (Mic-in could be configured as "Line-in" under Win OS.)
System	CPU	Intel i7-7700 / i5-7500 / Xeon E3-1275 v6
	Memory	16G
	HDD	1T
I/O	Capbure I/O	4Kp60: HDMI 2.0 in FHD (max): Y/PbPr, CVBS, S-Video, SDI, HDMI, DVI-I (can be optional)
	Video Display I/O	DVI, Display Port, HDMI (can be optional)
	Ethernet	RJ-45 x 2
	Usb Host	10 (6 x USB 3.0, 4 x USB 2.0)
	Audio Out/In	2 for Audio out/in 3.5mm stereo jack connectors
	Rs232	RS-232 x 1
Power		500W Medical Internal PSU, 100-240V AC in
Certification		FCC/CE/MDD 60601/UL/CB/CCC
Environmental	Operation Temperature	0 °C to +40 °C
	Storage Temperature	-10 °C to +50 °C
Dimension & Weight		320 x 329 x 145 mm, 10Kg
SDK Main Function		Streaming control, capture, recording, streaming, playback, editing, tools

I/O

Display Port   Headphone
RS232   USB 2.0
DVI-D   USB 3.0
HDMI   MIC

Ordering Information

Part Number	Description
AVAS-402-MVAB-0A00	Recorder/4Kp60+FHDp60/i7-7700/16GB/1TB
AVAS-402-MVAB-0A02	Recorder/FHDp60/i5-7500/16GB/1TB
AVAS-402-XNAB-0A00	BoxPC/i7-7700/16GB/1TB
AVAS-402-XNAB-0A01	BoxPC/i7-7500/16GB/1TB

Optional items

Part Number	Description
AVAS-OPAC-1001	FHD 1080p PTZ Camera
AVAS-OPAC-1010	Unified Communication USB Speakerphone
AVAS-OPAC-2001	GTX1650 4G PCIEX16 DVI+HDMI Display Card
AVAS-OPAC-2004	DVP-7011UHE 1ch 4K UHD Capture Card
AVAS-OPAC-2005	DVP-7611HE 1ch 1080p FHD Capture Card
AVAS-OPAC-6001	Recorder Software License
AVAS-OPAC-6003	Video Conference Software License
1702002600	Power Cord UL 3P 10A 125V 183cm
1702002605	Power Cord EU 3P 10A 250V 183cm

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