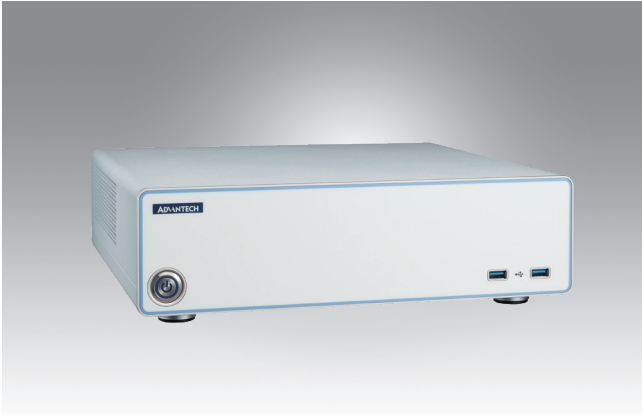


AVAS-401

Medical VMS/Recorder and Computing Platform



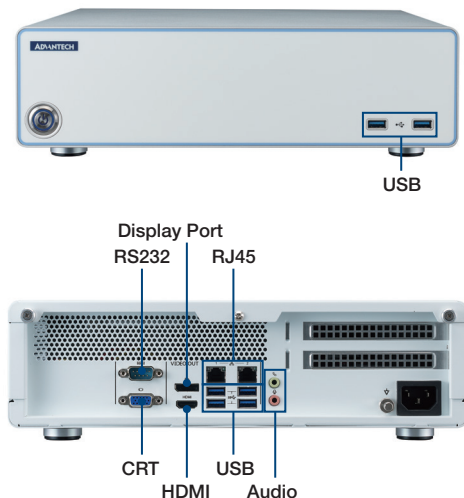
Features

- 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 capacity
- 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 (4096 x 2160)
	Output Resolution (Graphic Card)	Up to 4K UHD (4096 x 2160)
	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 / i3-7101
	Memory	16G
	HDD	1T
I/O	Capture 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	Display Port, HDMI, CRT
	Ethernet	RJ-45 x 2
	USB Host	6 (4 x USB3.0, 2 x USB2.0)
	Audio Out/In	2 for Audio out/in 3.5mm stereo jack connectors
	Rs232	RS-232 x 1
Power		250W 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 88 x 305 mm, 7Kg
SDK Main Function		Streaming control, capture, recording, streaming, playback, editing, tools

I/O



Ordering Information

Part Number	Description
AVAS-401-HNAB-0A00	Recorder/4Kp60/i7-7700/8GB/1TB
AVAS-401-HNAB-0A01	Recorder/FHDp60/i5-7500/8GB/1TB
AVAS-402-XNAB-0A00	BoxPC/i7-7700/8GB/1TB
AVAS-402-XNAB-0A01	BoxPC/i7-7500/8GB/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