

MED-VPR-8430

Multi-viewer with Streaming Solution and Stand-alone
PC-based System for Video Capturing



Features

- UHD+ 4K@60Hz video from medical devices can be recorded to the built in SSD storage (downscaled to 1080p@60Hz)
- Intel Atom processor based PC combined with Pro-AV streaming functionality
- Supports power-isolated HDMI, RS-232, and, LAN ports
- Includes TPM 2.0 (Trusted Platform Module) for data access control & security
- High-quality video recording in H.264 & H.265 codecs with optimized file size
- Included Time Cabinet software provides support for easy video and audio configuration
- Supports video source previewing
- Medical grade design fulfills medical application compliance requirements

Specifications

Interfaces

Input Port	4 HDMI (Type-A)
	8 Trigger (10-pin terminal block)
Output Port	2 HDMI (Type-A)
	1 HDBaseT (RJ-45)
Bi-directional Port	1 GbE LAN (RJ-45)
	1 GbE LAN (RJ-45) with 4KV isolation
Control I/O	1 UART (RX/TX only)(3.5mm)
	1 RS-232 (DB-9) with 4KV isolation
	3 USB2.0 (Type-A)
	1 USB2.0 (Type-A) with 4KV isolation (12MB/Bits)
	2 USB3.0 (Type-A)

Video

HDMI Compliance	HDMI 2.0 (DVI 1.0)
HDCP Compliance	Input:2.0b Output: 2.2
Input Signal Types	4096 x 2160p@60 8-bit YUV 4:4:4
Output Signal Types	4096 x 2160p@60 8-bit YUV 4:4:4
Maximum Input	HDMI: 4096 x 2160p@60
Maximum Output	HDMI: 4096 x 2160p@60 HDBaseT: 4096 x 2160p@60 (4:2:0) Recording: 1920 x 1080p@60 HDMI: 1080p@60

Audio

HDMI	LPCM 7.1
Line In	2 Vrms S/N Ratio: > 80dB (1kHz with 0dBFS)
Mic In	2 Vrms S/N Ratio: > 80dB (1kHz with 0dBFS)
Line Out	2 Vrms S/N Ratio: > 80dB (1kHz with 0dBFS)

System

CPU Memory	Intel Elkhart Lake x6425E 2.0Ghz (Boost 3.0Ghz) DDR4-16GB
Storage	2.5 Inch SATA SSD 1TB M.2 SATA SSD (Expandable)

Power

Power Supply	24V/4.17A DC
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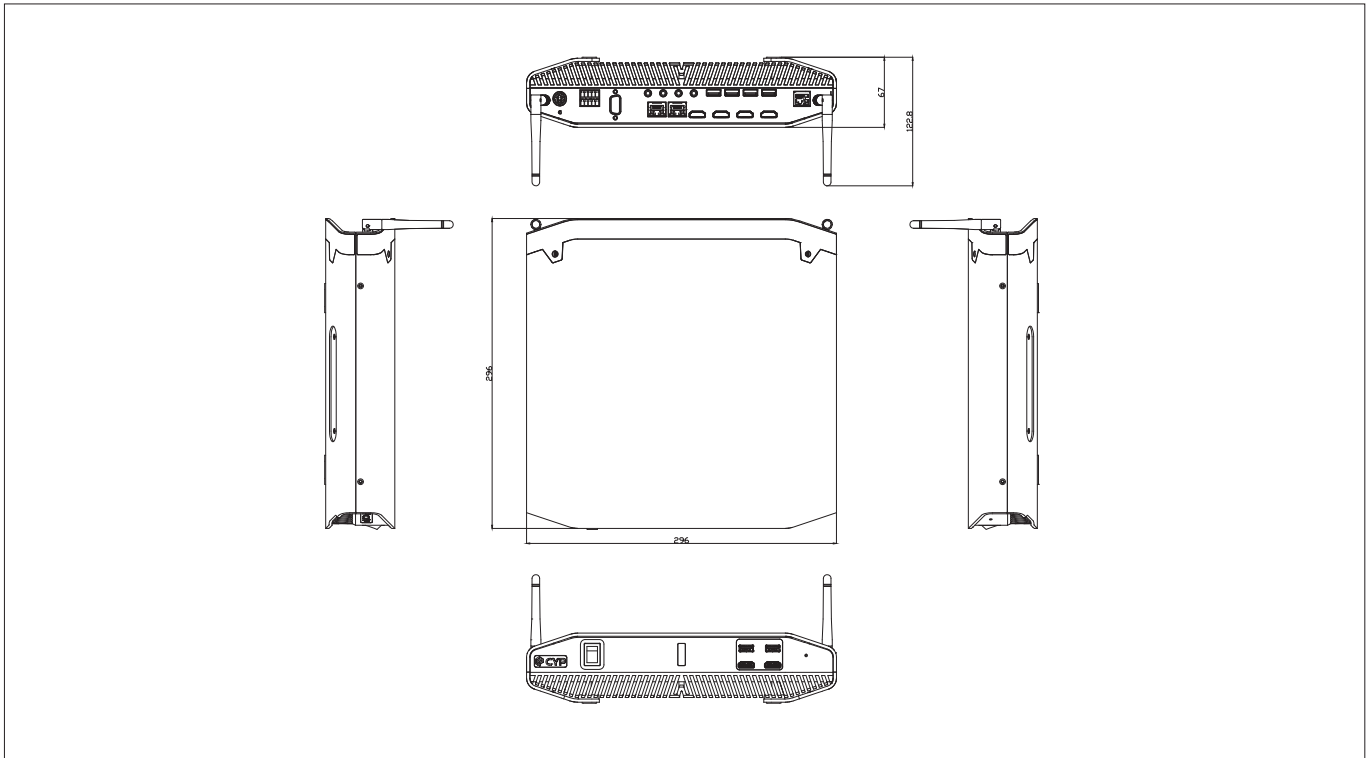
Enclosure

Chassis Material	Metal (Aluminum)
Chassis Color	White
Dimensions (W x H x D)	296mm x 296mm x 67mm (Case Only) 318mm x 316mm x 67mm (All Inclusive)
Weight	4.3 kg

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Mechanical Drawing



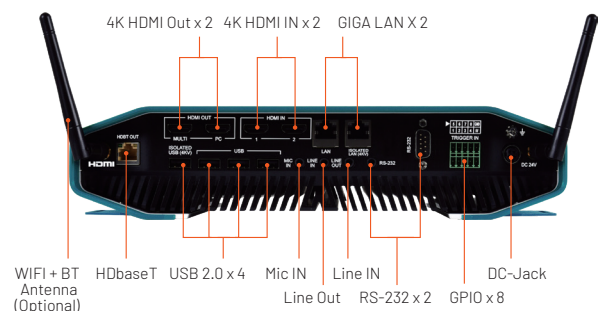
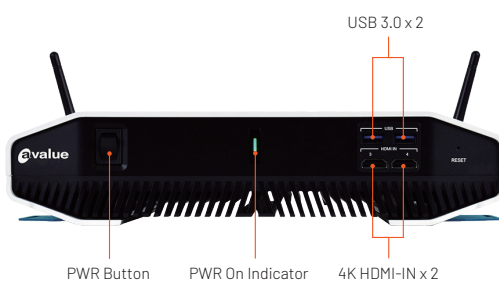
Ordering Information

P/N	Processor	Storage	Input Signal Types	Output Signal Types	COM	USB	LAN	HDMI IN	HDMI Out	Power Input	HDMI Compliance
MED-VPR-8430	Intel Elkhart Lake x6425E 2.0Ghz (Boost 3.0Ghz)	2.5 Inch SATA SSD 1TB M.2 SATA SSD (Expandable)	4096x2160p	4096x2160p	RS-232 x2	USB 3.0 X 2 USB 2.0 X 4	2	4K HDMI IN X 2	4K HDMI Out X 2	24V	HDMI 2.0 (DVI 1.0)

Packing List

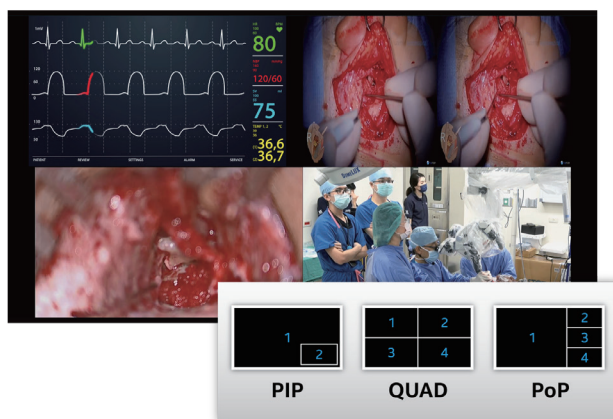
Item	Quantity
Power cord	1
Adaptor	1
Wi-Fi antenna	1

I/O Overview

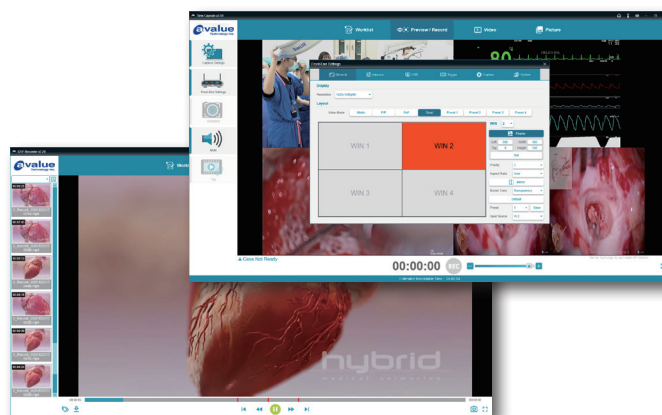


Time Cabinet Software

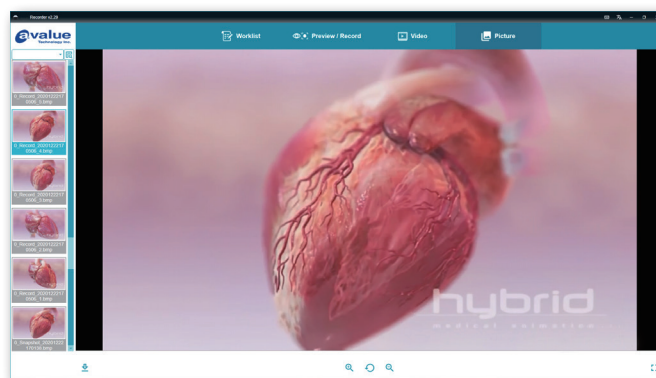
Time Cabinet is software that offers multi-viewing, video recording, picture capturing, and content switching. Key features include: Configuration & Administration, Registration Mechanism, Multi-Viewer & Recording & Switching, Backup & Storage.



4-device multi-viewer with custom layouts



Video recording for storage & edit



Critical image snapshot