

MED-VPR-8430

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



Product Features

- UHD+ 4K@60Hz video from medical devices can be recorded to the built in SSD storage (downscaled to 1080p@60Hz)
- Supports power-isolated HDMI, RS-232, and, LAN ports
- Records using the H.264 & H.265 codecs to offer the highest quality video recording possible while maintaining optimal file sizes
- Supports video source previewing
- 64GB eMMC with OS
- Intel Atom processor based PC combined with Pro-AV streaming functionality
- Includes TPM 2.0 (Trusted Platform Module) for industry standard hardware based security
- Included CYP App provides support for easy video and audio configuration
- Medical grade design fulfills medical application compliance requirements

Specification

Interfaces

Input Port	4 HDMI (Type-A) 8 Trigger (10-pin terminal block) 2 Analog Stereo (3.5mm)
Output Port	2 HDMI (Type-A) 1 HDBaseT (RJ-45) 1 Analog Stereo (3.5mm)
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)
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HDCP Compliance	Input:2.0b Output: 2.2
Input Signal Types	4096×2160p@60 8-bit YUV 4:4:4
Output Signal Types	4096×2160p@60 8-bit YUV 4:4:4
Maximum Input	HDMI: 4096×2160p@60
Maximum Output	HDMI: 4096×2160p@60 HDBaseT: 4096×2160p@60 (4:2:0) Recording: 1920×1080p@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
DimensWions (W×H×D)	296mm×296mm×67mm [Case Only] 318mm×316mm×67mm [All Inclusive]
Weight	4.3 kg

Cetrification

Medical	CE, FCC Part 18B Compliant IEC/EN60601-1 Compliant IEC/EN60601-1-2 Compliant
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