MED-VPR-8430

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

The MED-VPR-8430 video recorder is dedicated design to integrate with multiple medical devices for video recording during operation or diagnosis. It supports high quality video of 4K@60 video input and output to display over HDMI. The video from medical devices such as endoscope, X-Ray system, ultrasonic, da Vinci Surgical System…etc. exports to monitor and is recorded to build in hard disk in recorder simultaneously. This medical recorder supports real time display and recording and complies with medical criteria for fulfill medical application.

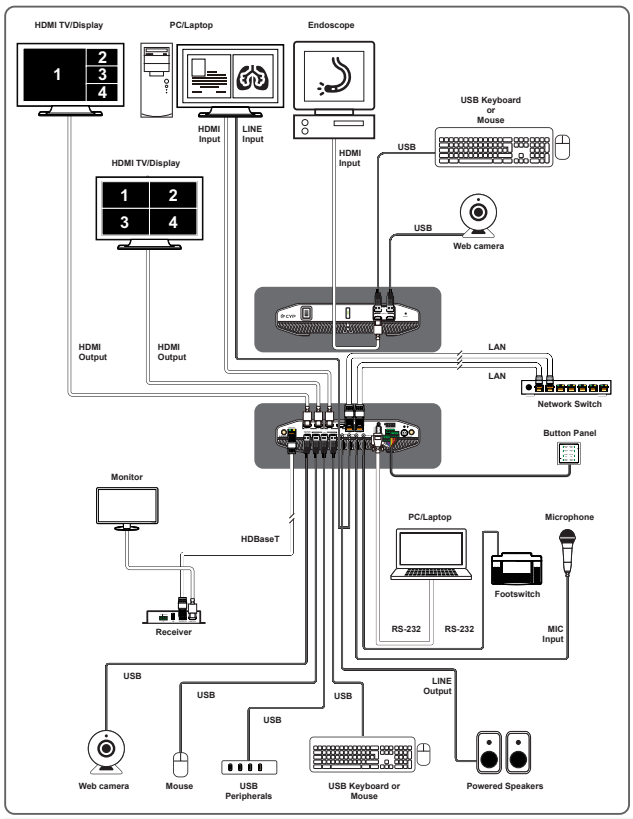
PANELS

Front View | Rear View

FEATURES

- 4K@60Hz UHD+ video can be recorded to the built-in SSD storage (downscaled to 1080p@60Hz) when playing the video from medical devices
- Recording video format of H.264 & H.265 to offer high quality video recording with optimised storage file capacity
- Intel Atom processor and Pro-AV embedded
- Equipped with CYP Application, which supports video and audio setups
- Support 1 isolated HDMI input, isolated RS-232 and isolated LAN port
- Video source preview supported
- With TPM 2.0 (Trusted Platform Module) for hardware based multi-use security
- CE/FCC/EN60601-1 Certification to fulfill medical application

DIAGRAM



SPECIFICATIONS

Interfaces

Input Port	4 HDMI (Type-A) 8 Trigger (10-pin terminal block) 2 Analogue Stereo (3.5mm)
Output Port	2 HDMI (Type-A) 1 HDBaseT (RJ-45) 1 Analogue 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)	
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	
		Resolutions
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 (8 Channels)
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 Soldered on board
Storage	2.5 Inch SATA SSD 1TB M.2 SATA SSD (Expandable)

Power

Power Supply	24V/4.17A DC

Enclosure

Chassis Material	Metal (Aluminum)
Chassis Colour	White
DimensWions (W×H×D)	296mm×296mm×67mm [Case Only] 318mm×316mm×67mm [All Inclusive]
Weight	4.3kg

Cetrification

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

Field Firmware Update

App

ORDERING INFORMATION

Model No.	Product Description
MED-VPR-8430	Multi-viewer with Streaming Solution and Stand-alone PC-based System for Video Capturing
PUV-2200PL-RX	UHD HDMI/USB to HDBaseT 2.0 LITE Receiver (4K, HDCP2.2, PoH, USB)

sales@cypeurope.com | +44 (0) 20 3137 9180