



*Do More, Record More,*

***Bring true-to-life 4K images  
to your bigger picture***

# 4K

60 fps · 3D · 2ch

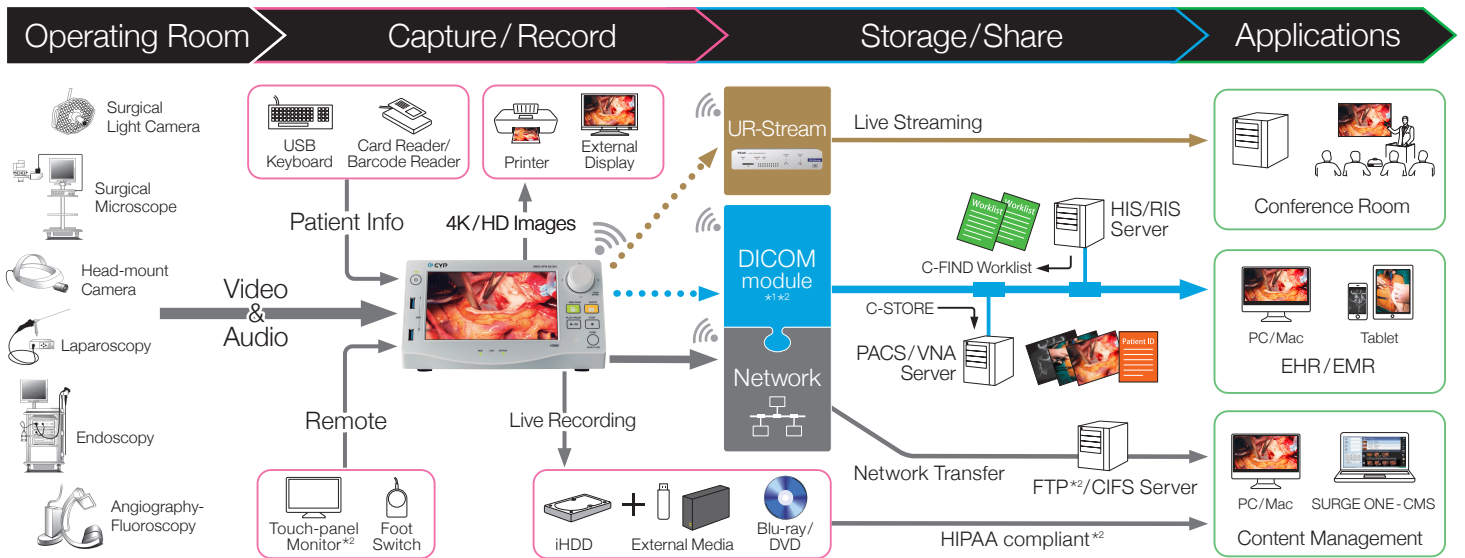
USB & iHDD  
Recording

DICOM  
Gateway\*

7.0 inch  
Touch Display

HIPAA\*/  
GDPR\*





## Product Overview

CYP's 8210 is the 4K and 3D/Dual Channel recording solution you have been waiting for! Now is the time to add 4K recording with workflow enhancements including intuitive touch display control, PACS/EMR integration<sup>\*2</sup>, printing, and documentation capabilities to your OR. With 8210, you can record in the latest 4K resolutions, AND support Full HD recording from any surgical camera or visualization system for complete backward compatibility- perfect if you have 4K now or are planning to transition to 4K in the future. The touchscreen user interface also features the use of a multifunctional jog dial for a truly simple and efficient user control experience. Paired with CYP's unmatched reliability and quality, 8210 is the ultra-clear choice.

## Key Features

- **4K60 Video/Photo Recording**
- **4K3D Video/Photo Recording**
- **4K Dual-channel (4K30fps x 2) Video Recording**
- **Intuitive Jog-Dial & Touch LCD user-interface**
- **2TB built-in HDD stores hundreds of hours of videos**
- **Wi-Fi® transfer within the secured hospital network**
- **Wide variety of recording medium of your choice (USBs, DVD/Blu-ray, NAS, PACS<sup>\*2</sup>, VNA)**

## Specifications

	MED-VPR-8210H (HDMI version)	MED-VPR-8210S (SDI version)
<b>Storage &amp; Display</b>		
Front LCD Monitor	7-inch Touch Display	
Data Storage	Internal Media External Media <sup>*1</sup>	HDD 2TB USB HDD / SDD / Flash Memory / DVD / Blu-ray™ Disc
<b>Recording</b>		
Video Resolution	4K/4096x2160p, UHD/3840x2160, Full HD/1920x1080p, 720p, NTSC/PAL (Digital)	
Frame Rate	60Hz, 30Hz	
Multi-input mode	Dual-channel, 3D, Toggle <sup>*2</sup> , PIP	
3D mode	Input	Line by Line, Side by Side, Dual Stream <sup>*2</sup>
	Output	Side by Side, Top and Bottom
<b>Recording Format</b>		
Video & Audio	Compression	H.264, H.265-HEVC, AAC
	File	MP4, TS
Photo	Compression	JPEG, PNG, Uncompressed
	File	JPG, PNG, TIFF
<b>Interfaces</b>		
Video Input	HDMI 2.0	Type A x (2)
	SDI	-
Video Output	HDMI 2.0	Type A x (1)
	DP	Display Port <sup>*2</sup> x (1)
Audio Input	MIC (3.5mm stereo mini jack), HDMI	
Audio Output	MIC (3.5mm stereo mini jack), SDI	
USB Ports	Front	Line (3.5mm stereo mini jack)
	Rear	USB3.2 Type A x (2) for Recording USB3.2 Type A x (4) for Accessories
Remote Control	IR Hand-held Remote (Included)	
Serial Communication	D-sub 9 pin (RC-232C <sup>*2</sup> )	
LAN	RJ-45 (1000BASE-T/100BASE)	
External Trigger	3.5mm Stereo Mini Jack x (2)	
Wireless Connectivity	IEEE 802.11a/b/g/n/ac, Bluetooth® 5.0	
<b>General</b>		
Power supply	AC 100V-230V, 50/60Hz	
Dimensions (WxHxD)	Approx. 239 x 137.0 (132.3) x 245 mm / 9.4 x 5.4 (5.2) x 9.6 inch	
Weight	Approx. 4.3kg / 9.5 lbs.	
Environments	Operating temp.	5°C to 40°C / 41°F to 104°F
	Operating humidity	30 to 80% RH (no condensation)
	Storage temp.	-10°C to 60°C / 14°F to 140°F
Certifications / Compliance	ANSI/AAMI ES60601-1, CAN/CSA-C22.2 NO.60601, CE MDR, IEC60601-1, EN60601-1, EN60601-1-2, FCC Class A, FDA Class 1, RoHS	
Accessories <sup>*1</sup>	Foot-switch, USB Keyboard, USB DVD/BD Writer	

\*1 Commercially-available products. Please contact us for recommendations. \*2 Those functions will be supported by future firmware update. \*3 Times are approximate.

## Recording Times (for a 2TB Hard Drive)<sup>\*3</sup>

Ultra High-Definition 3840 x 2160p 60fps				Full High-Definition 1920 x 1080p 60fps			
150M bps	100M bps	50M bps	25M bps	50M bps	20M bps	12M bps	8M bps
29 hrs	44 hrs	88 hrs	176 hrs	88 hrs	222 hrs	370 hrs	555 hrs

## 4K Medical Video Recorder



MED-VPR-8210H  
(HDMI version)



MED-VPR-8210S  
(SDI version)