



# Economic, Effective Video Integration



Powered by **vertex**  
**video**



**Capture**

- AX-Angiogram
- Surgical Camera
- Ultrasound
- Laparoscopy
- Surgical Microscope
- Endoscope

**Record**

Sorna UR-4MD

Remote\*

Foot Pedal\*

\*option add-ons

**Post-Process**

vertex video

**Share**

- USB
- DISC
- EMR
- PACS
- VNA
- CLOUD



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Patents: [www.sorna.com/patents](http://www.sorna.com/patents)

2020 Silver Bell Rd., Suite 17  
Eagan, MN 55122  
+1 651.406.9900  
[www.sorna.com](http://www.sorna.com)

## Sorna UR-4MD

The Sorna UR-4MD is the latest high-definition medical video recorder designed for quick set up and ease of use yet includes a robust list of features and capabilities. With auto sensing video connections and automatic video resolution detection, set up is quick and easy.

The front control panel allows users to intuitively record video in crystal clear HD. A built-in hard drive is included for reliable recording and data back-up and users can also simultaneously record to USB memory and USB hard drives to archive.

### Key Features

- Fully Integrated with Vertex® Software
- Crystal Clear, Full HD 1920 x 1080, Video & Photo Recording
- Advanced Reliability with Fail-Safe Recording
- 3.5" built-in LCD Display for Live-view/ Playback/ Navigation
- Plug and Play Automatic Configuration
- Auto-Signal Detection & Auto-Resolution
- Remote control via Foot-pedal or remote (optional add-ons)
- FDA listed Class 1 device
- ISO 13485



### Specifications

Storage & Display		General	
Recordable Devices	USB Flash Drive, USB Hard Drive Internal Hard Drive (500GB) *1TB Optional Upgrade available	Power supply	AC 100V - 240V, 50/60Hz
Built-in LCD Display	3.5 inch Full Color	Dimensions (WxDxH)	Approx. 8 1/4 x 9 1/4 x 3 3/8 in ( 210.5 x 235 x 88.5 mm)
<b>Recording Format</b>	<b>Compression</b>	<b>File</b>	<b>Weight</b>
Photo	JPEG	.JPG	Approx. 5.7 lbs. (2.6 kg)
Video	MPEG-4 AVC/H.264	.MOV	<b>Certifications</b>
<b>Interface Input / Output</b>		Safety UL60601-2003, CE, IEC60601-1, CSA60601-1, EN60601-1	
Video Input / Output	SDI (BNC) x1	3G/HD-SDI: 1080p / 1080i / 720p, SD-SDI : 480i / 576	
	DVI (Single Link) x1	High-Definition	
	S-Video x1	NTSC, PAL	
	Composite (BNC) x1	NTSC, PAL	
	SDI Thru x1	(Output only)	
Other	RJ-45 (10BASE-T / 100BASE-TX / 1000BASE-T) x1		
	USB2.0 Type A x3	2 front connectors for Recordable Devices	
		1 rear connector for Optional Accessories	
USB 2.0 Type B x1	1 rear connector for accessing the internal Hard Drive		
<b>Accessories (Optional)</b>		Remote control unit, Foot-pedal	
<b>Recording Times (for 500GB Hard Drive)</b>			
<b>High-Definition 1920 x 1080</b>			
12 Mbps	18 Mbps	24 Mbps	
90 hours	60 hours	45 hours	
<b>Standard-Definition 640 x 480</b>			
6 Mbps	8 Mbps	10 Mbps	
180 hours	135 hours	100 hours	