

TEAC

It's never been so easy to capture Medical Imaging

- **Full HD 1920 x 1080 video recording**
- **Extreme ease of use**
- **Advanced Fail-safe features**
- **3.5" LCD monitor for Live View, Playback or GUI**

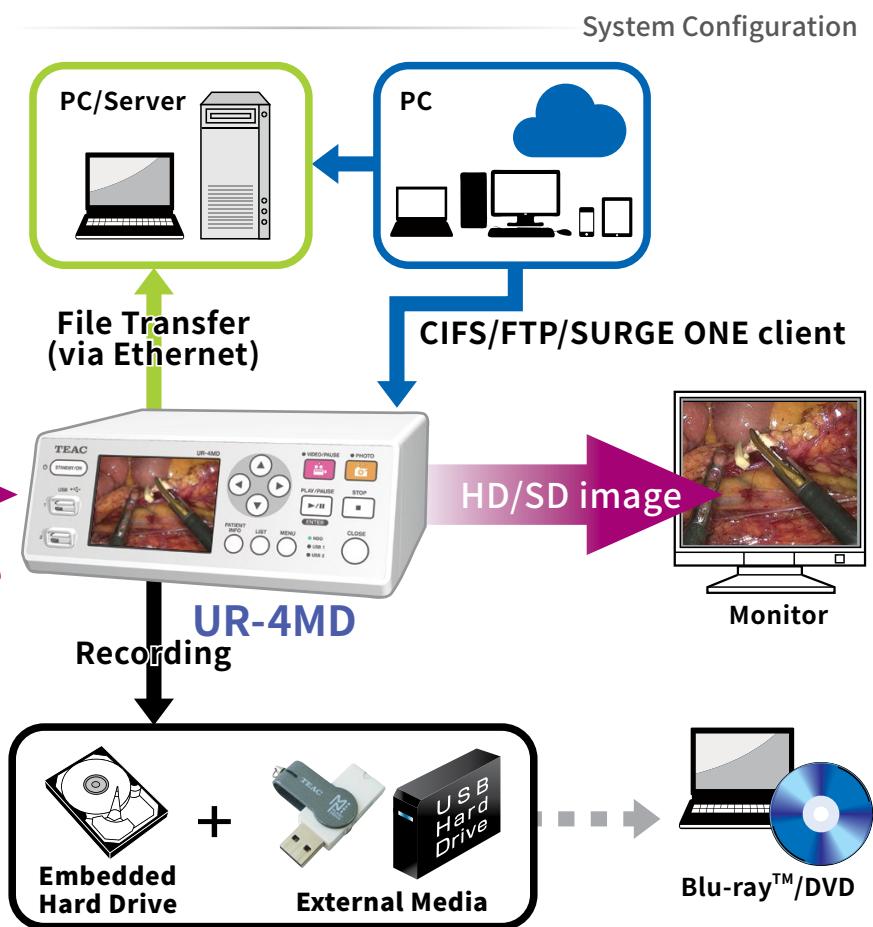
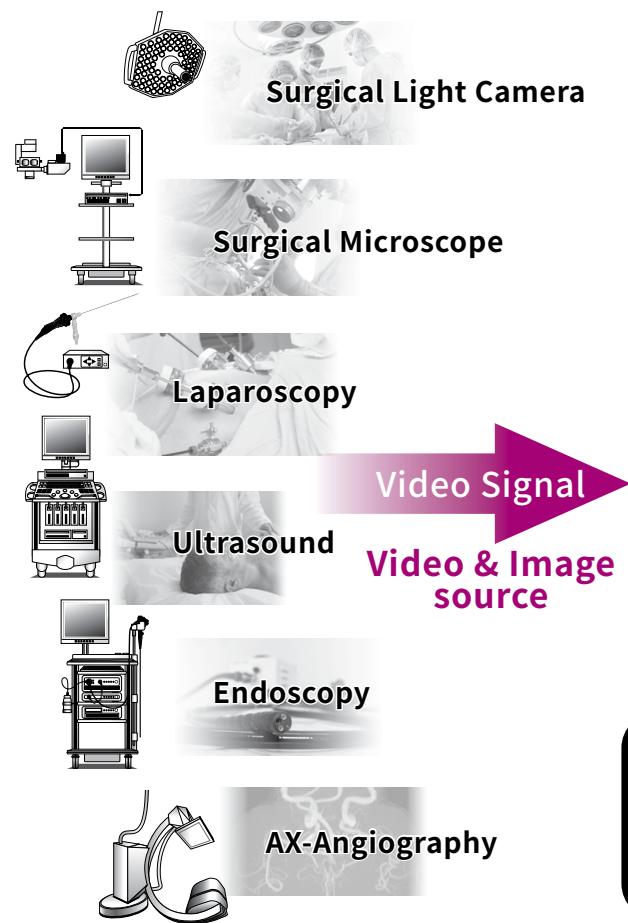


UR-4MD

UR-4MD is TEAC's 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 videos and photos in crystal clear HD.

A built in hard drive is included for reliable recording, data back-up and users can also simultaneously record to USB memory and USB hard drives to archive, share and play back on other devices and locations. UR-4MD is also Network capable.



Features

- **Intuitive & Easy To Use**
- **Auto-sensing** detects I/O & Video Resolution “ automatically ”
- Wide range of **recording resolutions**
 - 640x 480 ~ 1920x 1080 (30Hz/29.97Hz) : Undiluted recording resolution
 - 1920x 1200 (Resize to 1728x 1080) : Supported Input resolution
- **Multiple HD & SD inputs/outputs** (SDI, DVI-D, S-Video and Composite)
- **Simultaneous recording** to multiple media (up to 2 External USB drives & 1 Internal HD)
- **Networking** (CIFS, FTP and SURGE ONE) RJ45 10/100/1000 Ethernet
- **Command Control** via USB
- Remote control, Foot-switch, Card/Barcode reader and Keyboard (Optional)
- Compliance with **Medical Standards**



UR-4MD

Designed for the mission critical OR environment

- ✓ Fail-safe recording feature w/the Internal Hard Drive for redundant data backup
- ✓ S.M.A.R.T. monitors/reports Internal Hard Drive health (Self-Monitoring, Analysis and Reporting Technology)
- ✓ Safe auto-shutdown in case of power interruption

Specifications

General		Approximate Recording Times for a 1TB Hard Drive		
		High-Definition 1920 x 1080		
		12Mbps	18Mbps	24Mbps
Recordable Devices	USB Flash Drive USB Hard Drive Internal Hard Drive (1TB)	180 hours	120 hours	90 hours
Standard-Definition 640 x 480				
Display	3.5 inch LCD	5Mbps	8Mbps	10Mbps
Power supply	AC 100V - 240V 50/60Hz	360 hours	270 hours	200 hours
Operating temperature	41 to 104 deg F (5 to 40 deg C)			
Storage temperature	-4 to 140 deg F (-20 to 60 deg C)			
Operating humidity	5 to 80% (No condensation)			
Dimension (W x D x H)	Approx. 8 1/4 x 9 1/4 x 3 3/8 in (210.5 x 235 x 88.5 mm)			
Weight	Approx. 5.7 lbs. (2.6 kg)			
Standards	Safety IEC60601-1, CSA60601-1, EN60601-1 EMC IEC60601-1-2, EN60601-1-2, ICES-003 class B, FCC Class B			
Category	FDA Class 1			
Accessories(Optional)	Remote control unit, Foot-switch, Keyboard, Barcode / Card Reader			
Recording Format				
Still image	Jpeg, DICOM (*.dcm: optional), TIFF			
Video	MPEG-4 AVC/H.264			
Input/Output				
Input for Video	SDI (BNC) x1	3G/HD-SDI : 1080p / 1080i / 720p, SD-SDI : 480i / 576i		
	DVI (Single Link) x1	High-Definition		
	S-Video x1	NTSC, PAL		
	Composite (BNC) x1	NTSC, PAL		
Input for Audio	SDI (BNC) x1	*SDI video input terminal use in common.		
	Stereo mini jack x2	LINE, MIC		
	SDI (BNC) x1	3G/HD-SDI : 1080p / 1080i / 720p, SD-SDI : 480i / 576i		
	DVI (Single Link) x1	High-Definition		
Output for Video	S-Video x1	NTSC, PAL		
	Composite (BNC) x1	NTSC, PAL		
	SDI Thru x1			
	SDI (BNC) x1	*SDI video output terminal use in common.		
Output for Audio	Stereo mini jack x1	LINE		
	RJ-45 (10BASE-T / 100BASE-TX / 1000BASE-T) x1			
	USB2.0 Type A x3	2 front connectors for Recordable Devices		
	USB2.0 Type B x1	1 rear connector for Optional Accessories		
Other Interfaces	Stereo mini jack x3	1 rear connector for accessing the internal Hard Drive (on UR-4MD)		
		for external trigger		

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*Features and specifications are subject to change without notice.

TEAC AMERICA, INC.

14525 Valley View Ave., Suite I, Santa Fe Springs, California 90670, U.S.A

Phone: +1-323-726-0303

Email: mrsales@teac.com

<https://ms.teac.com/>



Rear Panel