

# 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**

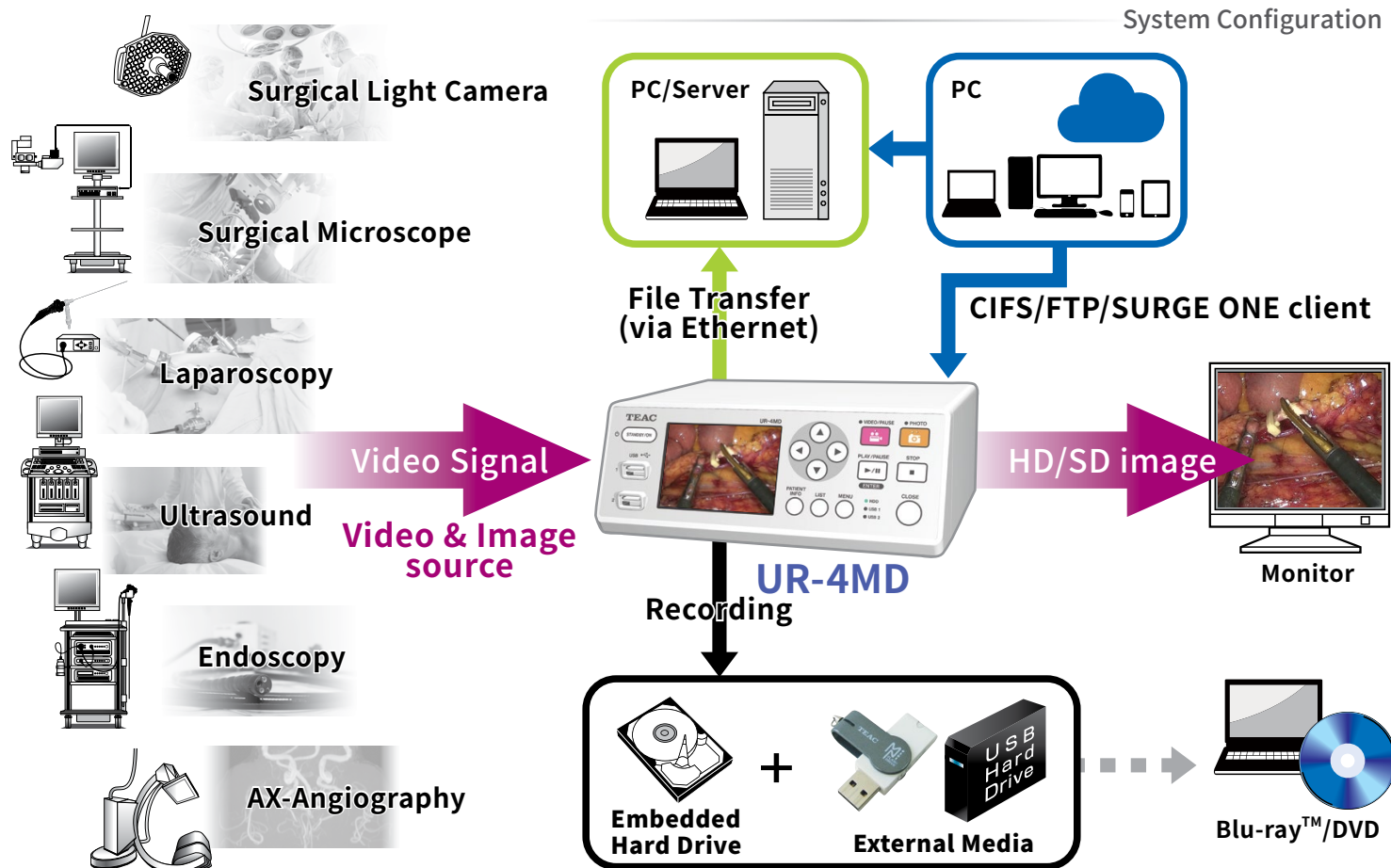


## UR-4MD

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		
Recordable Devices	USB Flash Drive	High-Definition 1920 x 1080		
	USB Hard Drive			
	Internal Hard Drive (1TB)	12Mbps	18Mbps	24Mbps
Display	3.5 inch LCD	180 hours	120 hours	90 hours
Power supply	AC 100V - 240V 50/60Hz	Standard-Definition 640 x 480		
Operating temperature	41 to 104 deg F (5 to 40 deg C)	5Mbps	8Mbps	10Mbps
Storage temperature	-4 to 140 deg F (-20 to 60 deg C)	360 hours	270 hours	200 hours
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)			
Standars	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		
Output 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		
Output for Audio	SDI Thru x1			
	SDI (BNC) x1	*SDI video output terminal use in common.		
	Stereo mini jack x1	LINE		
Other Interfaces	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		
	USB2.0 Type B x1	1 rear connector for accessing the internal Hard Drive (on UR-4MD)		
Stereo mini jack x3	for external trigger			

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\*Features and specifications are subject to change without notice.

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Rear Panel