

TEAC

Are You Ready for DICOM Integration?



Medical Grade
Digital Video Recorder

UR-4MD

Designed for the mission critical OR environment

Full HD
1920 x 1080

Video and Photo recording

Advanced
Reliability

w/ Fail-safe recording

DICOM
Gateway*

Modality Worklist support

3.5 inch
Built-in LCD Display

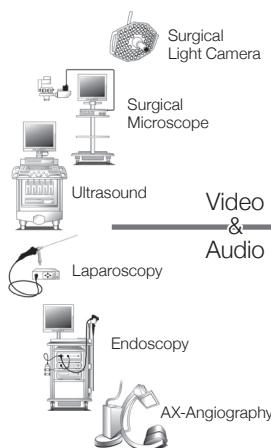
Simultaneous recording
USB & iHDD

Plug & Play
Automatic configuration

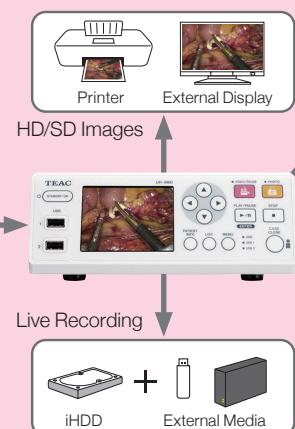
* DICOM Gateway is an optional upgrade.



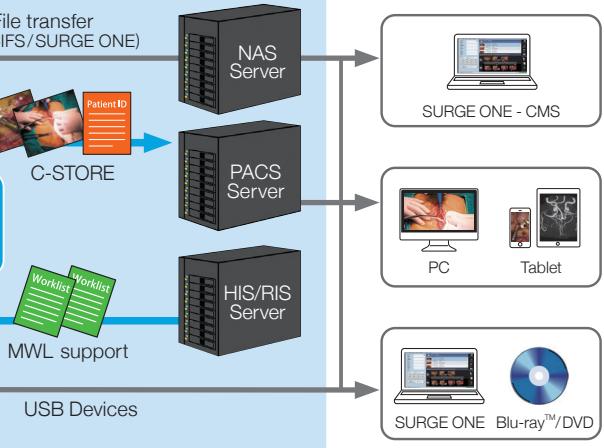
Operating Room



Capture / Record



Archive / Transfer



Key Features

- Crystal Clear, Full HD 1920 x 1080, Video & Photo Recording
- 3.5" built-in LCD Display for Live-view/ Playback/ Navigation
- Auto-Signal Detection & Auto-Resolution setting
- Safe Recording to iHDD, USB devices and Network drive simultaneously.
- Networking (FTP, CIFS and SURGE ONE) RJ45 10/100/1000 Ethernet
- Remote control via Scope, Foot-pedal, Barcode-reader or Keyboard (Optional)
- PACS connectivity: DICOM Storage & MWL support (Optional)
- Medical Standards

Specifications

Storage & Display		
Recordable Devices	USB Flash Drive, USB Hard Drive	Internal Hard Drive (1TB)
Built-in LCD Display	3.5 inch Full Color	
Recording Format (FAT32)	Compression	File
Photo	JPEG, DICOM, TIFF	JPG, DCM, TIF
Video	MPEG-4 AVC/H.264	MOV
Input/Output		
Video Input/Output	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	SDI Thru x1	
Audio Input/Output	SDI (BNC) x1	* SDI video output terminal used in common.
	Stereo mini jack x1	LINE
	Stereo mini jack x1	MIC
	RJ-45 (10BASE-T/100BASE-TX/1000BASE-T) x1	
Other Interfaces	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 (on UR-4MD)
	Stereo mini jack x3	for external trigger
General		
Power supply	AC 100V - 240V, 50/60Hz	
Dimensions (WxDxH)	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)	
Certifications/Compliance	ANSI/AAMI ES60601-1, CAN/CSA-C22.2 NO.60601, CE MDR, IEC60601-1, EN60601-1, EN60601-1-2, FCC Class B, FDA Class 1, ANVISA, CCC, RoHS	
What's in the box	TEAC UR-4MD, Power cords, Cable clamp, Owner's manuals	
Accessories (Optional)	Remote control unit, Foot-switch, Keyboard, Barcode / Card Reader	

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* Features and specifications are subject to change without notice.

Product Overview

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. With an optional upgrade, DICOM integration is made easy.

Recording Times (for a 1TB Hard Drive)

High-Definition 1920 x 1080		
12 Mbps	18 Mbps	24 Mbps
180 hours	120 hours	90 hours
Standard-Definition 640 x 480		
5 Mbps	8 Mbps	10Mbps
360 hours	270 hours	200 hours

Times are approximate.

UR-4MD Digital Video Recorder



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