

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***

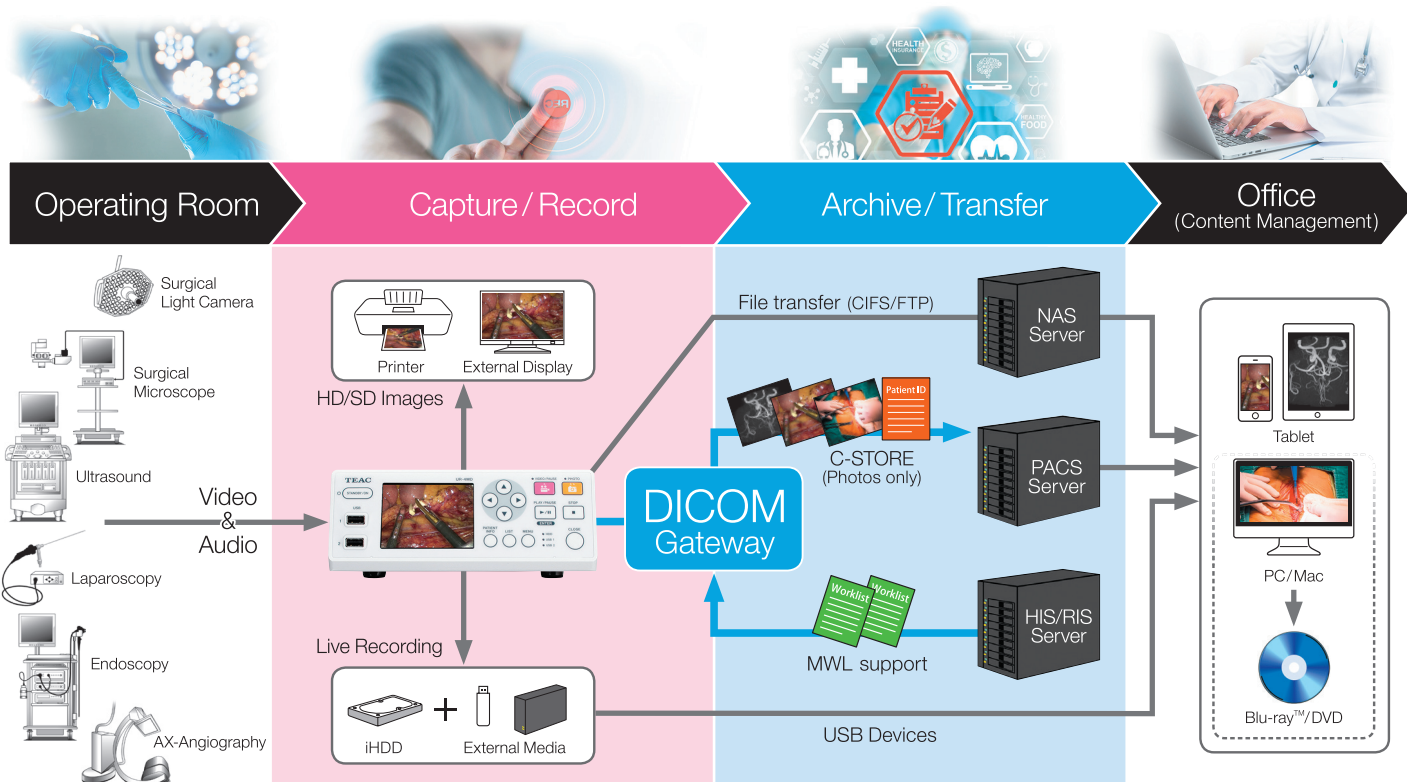
Modality Worklist support

3.5 inch
Built-in LCD Display

**Simultaneous recording
USB & iHDD**

Plug & Play
Automatic configuration

* DICOM Gateway is an optional upgrade.



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) 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 (500GB) *1TB Optional Upgrade available	
Built-in LCD Display		3.5 inch Full Color	
Recording Format (FAT32)		Compression	File
Photo		JPEG, DICOM	JPG, DCM
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
	Output	S-Video x1	NTSC, PAL
		Composite (BNC) x1	NTSC, PAL
Audio	Input/ Output	SDI (BNC) x1	* SDI video output terminal used in common.
		Stereo mini jack x1	LINE
	Input	Stereo mini jack x1	MIC
		RJ-45 (10BASE-T/100BASE-TX/1000BASE-T) x1	
Other Interfaces	USB 2.0 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		Safety UL60601-2003, CE, IEC60601-1, CSA60601-1, EN60601-1 EMC IEC60601-1-2, EN60601-1-2, ICES-003, FCC Class B	
Category		FDA Class 1, ANVISA, RoHS, CCC	
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 500GB Hard Drive)

High-Definition 1920 x 1080			
12 Mbps	18 Mbps	24 Mbps	
90 hours	60 hours	45 hours	
Standard-Definition 640 x 480			
5 Mbps	8 Mbps	10Mbps	
180 hours	135 hours	100 hours	

Times are approximate.

UR-4MD Digital Video Recorder



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