

# 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\***

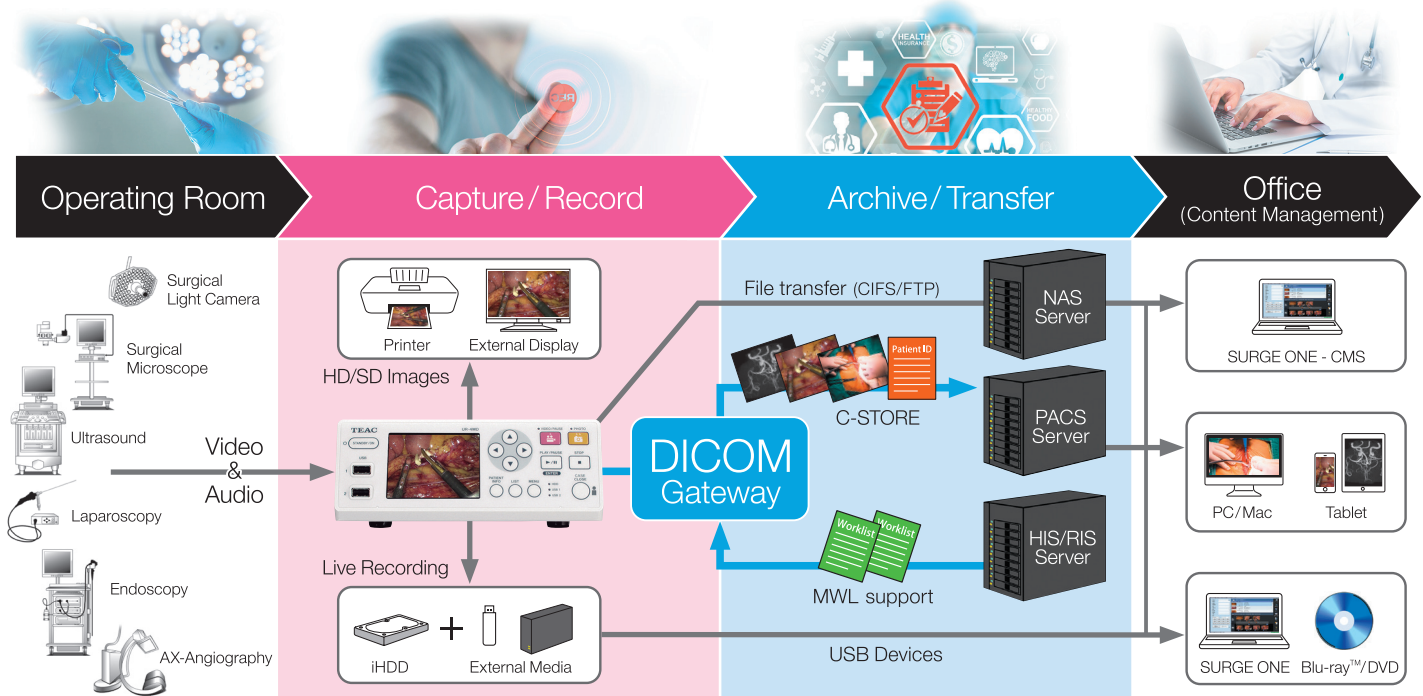
Modality Worklist support

**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, TIFF JPG, DCM, TIF		
Video		MPEG-4 AVC/H.264 MOV		
Input/Output				
Video	Input/ Output	SDI (BNC) x1 DVI (Single Link) x1 S-Video x1 Composite (BNC) x1	3G/HD-SDI: 1080p/1080i/720p, SD-SDI: 480i/576i High-Definition NTSC, PAL NTSC, PAL	
		SDI Thru x1		
	Audio	Input/ Output	SDI (BNC) x1 Stereo mini jack x1	* SDI video output terminal used in common. LINE
		Input	Stereo mini jack x1	MIC
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	
		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 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	10 Mbps
180 hours	135 hours	100 hours

Times are approximate.

## UR-4MD Digital Video Recorder



Front view



Rear view

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