

# 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\*

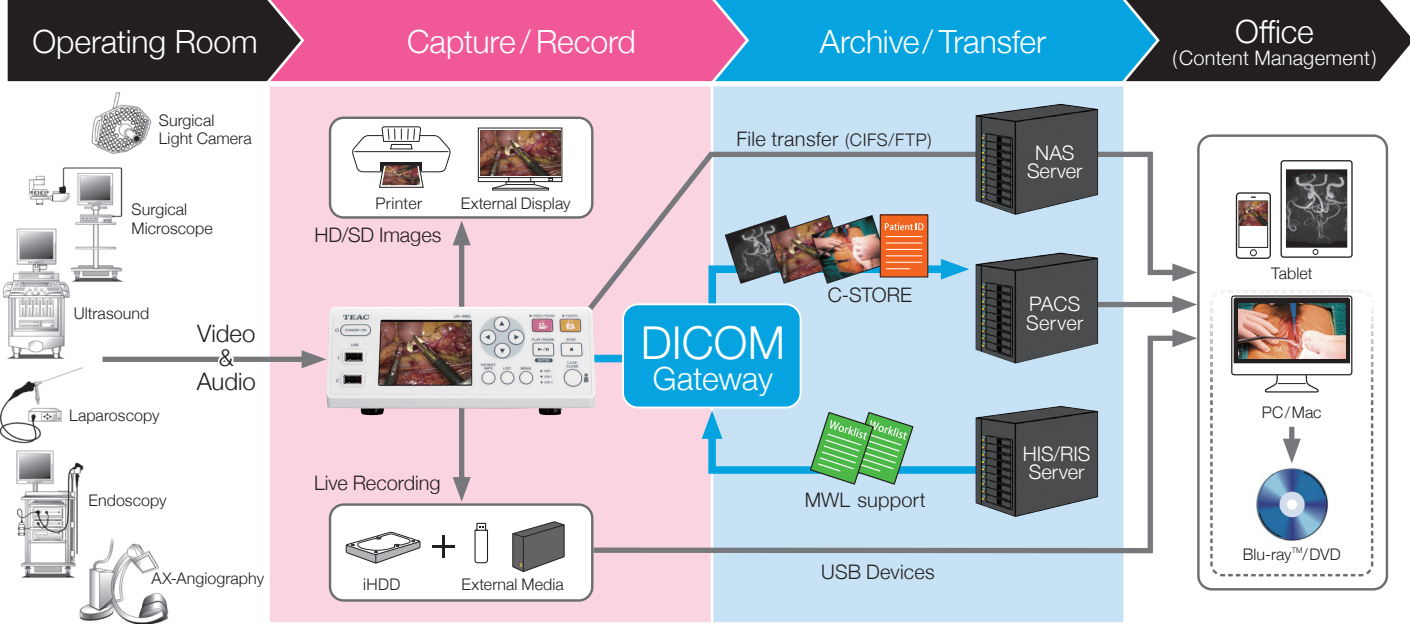
Modality Worklist support

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 Camera or Foot-pedal\*
  - Feeding patient data via Keyboard or Barcode\*
  - PACS connectivity: DICOM Storage & MWL support\*
  - Medical Standards
- \* Optional device(s) required.

### 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 3G/HD-SDI: 1080p/1080i/720p, SD-SDI: 480i/576i
	DVI (Single Link) x1 High-Definition
	S-Video x1 NTSC, PAL
Output	Composite (BNC) x1 NTSC, PAL
	SDI Thru x1
Audio	Input/Output
	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/ 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	10Mbps
180 hours	135 hours	100 hours

Times are approximate.

## UR-4MD Digital Video Recorder



Front view



Rear view

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