

# 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

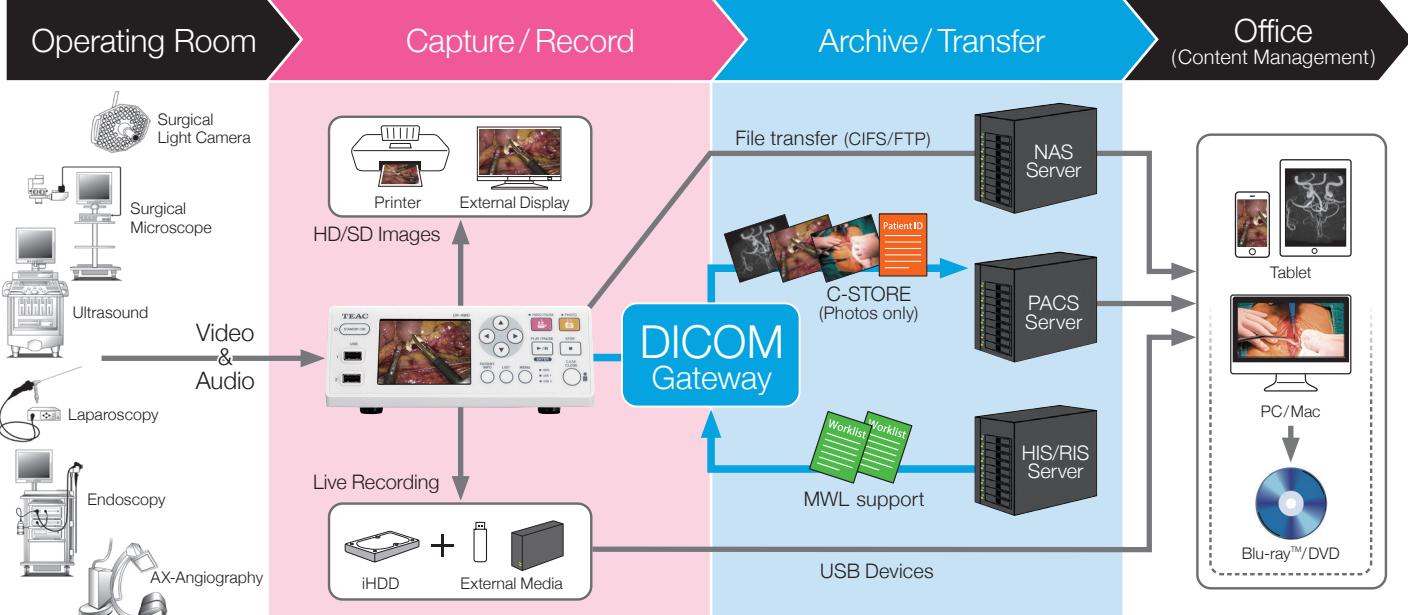
**DICOM  
Gateway\***  
Modality Worklist support

**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
Video Output	SDI Thru x1	* SDI video output terminal used in common.
Audio Input/Output	SDI (BNC) x1 Stereo mini jack x1 Stereo mini jack x1	LINE MIC
Audio Input	RJ-45 (10BASE-T/100BASE-TX/1000BASE-T) x1	
Other Interfaces	USB2.0 Type A x3 USB 2.0 Type B x1	2 front connectors for Recordable Devices 1 rear connector for Optional Accessories 1 rear connector for accessing the internal Hard Drive (on UR-4MD) 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

## TEAC CORPORATION

1-47 Ochiai, Tama-shi, Tokyo  
206-8530, Japan

E-mail: cs\_ipd@teac.jp  
Web: <https://ms.teac.com/>

TEAC America, Inc.,  
E-mail: mrsales@teac.com

TEAC EUROPE GmbH.  
E-mail: info@teac.eu

TEAC SALES & TRADING (ShenZhen) CO., LTD.  
E-mail: teacservice3@teac.com.cn