

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

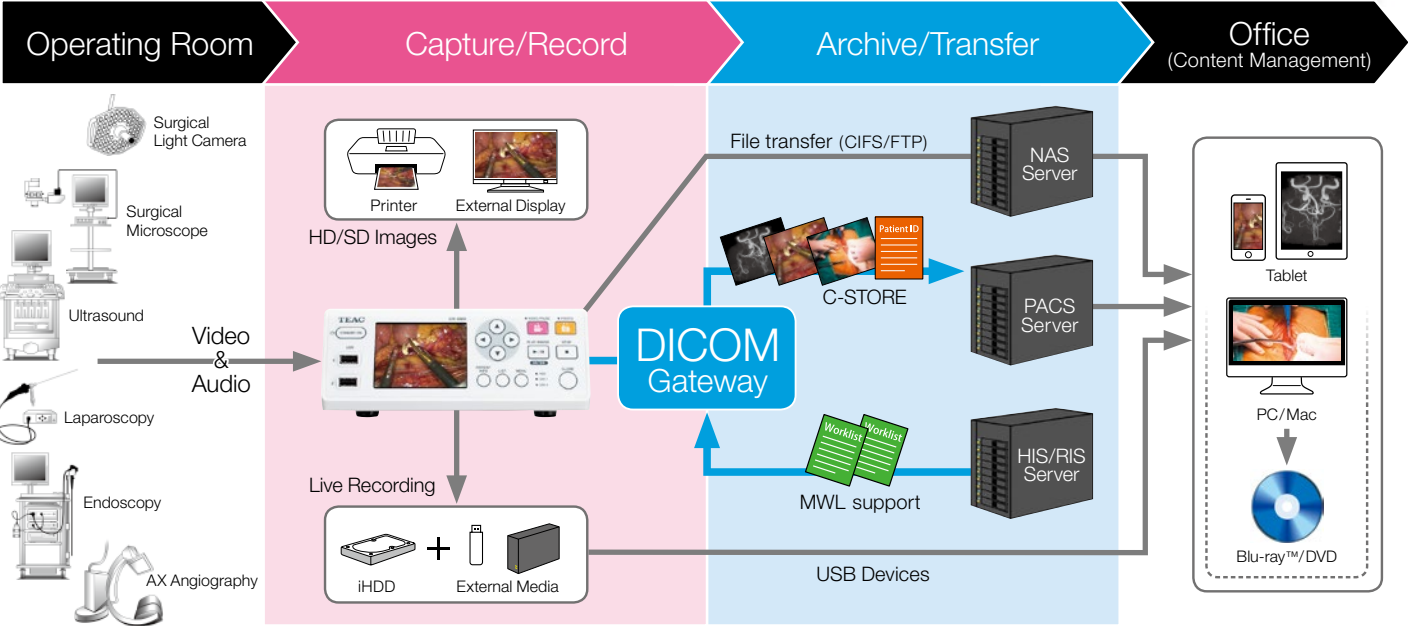
**DICOM
Gateway***
Modality Worklist support

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 × 1080, video and photo recording
- Built-in 3.5-inch LCD display for live view / playback / navigation
- Auto signal detection and auto resolution setting
- Safe recording to iHDD, USB devices and network drive simultaneously
- Networking (FTP and CIFS) RJ45 10/100/1000 Ethernet
- Remote control via camera or foot-pedal¹
- Feeding patient data via keyboard or barcode¹
- PACS connectivity²: DICOM storage and MWL support*
- Medical standards ¹Optional device(s) required. ²Upgrade available.

Specifications

Storage and Display	
Recordable devices	USB flash drive, USB hard drive Internal hard drive (optionally 500 GB or 1 TB)
Built-in LCD display	3.5 inch, full-color
Recording format (FAT32)	Compression File format
Photo	JPEG, DICOM JPG, DCM
Video	MPEG-4 AVC/H.264 MOV
Input/Output	
Video	Input/Output
	SDI (BNC) ×1 3G/HD-SDI: 1080p/1080i/720p, SD-SDI: 480i/576i
	DVI (Single Link) ×1 High-definition S-Video ×1 NTSC, PAL Composite (BNC) ×1 NTSC, PAL
Output	SDI Thru ×1
Audio	Input/Output
	Stereo mini jack ×1 LINE Stereo mini jack ×1 MIC
Other interfaces	RJ-45 (10BASE-T / 100BASE-TX / 1000BASE-T) ×1
	USB 2.0 Type A ×3 2 front connectors for recordable devices 1 rear connector for optional accessories
	USB 2.0 Type B ×1 1 rear connector for accessing the internal hard drive (on UR-4MD)
	Stereo mini jack ×3 For external trigger
General	
Power supply	AC 100–240 V, 50/60 Hz
Dimensions (W × D × H)	Approx. 211 mm × 235 mm × 89 mm
Weight	Approx. 2.6 kg
Certifications	Safety UL 60601-2003, CE, IEC 60601-1, CSA 60601-1, EN 60601-1
	EMC IEC 60601-1-2, EN 60601-1-2, 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
Optional accessories	Remote control unit, Foot-switch, Keyboard, Barcode/Card Reader

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Product Overview

UR-4MD is TEAC's latest high-definition medical video recorder designed for quick setup and ease of use, yet includes a robust list of features and capabilities. With auto-sensing video connections and automatic video resolution detection, setup 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 and 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 500 GB hard drive)

HD definition 1920 × 1080		
12 Mbit/s	18 Mbit/s	24 Mbit/s
90 hours	60 hours	45 hours
SD definition 640 × 480		
5 Mbit/s	8 Mbit/s	10 Mbit/s
180 hours	135 hours	100 hours

Times are approximate.

UR-4MD Digital Video Recorder



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