Baaske Medical

TEAC UR-4MD

High-Definition video recorder

EN 60601-1

The UR-4MD is the latest high-definition medical video recorder from TEAC. Designed for a quick set up and ease of use the high-definition recorder offer a lot of features. For example the auto sensing video connection and automatic video resolution detection. The front control panel allows users to intuitively record videos and photos in cristal clear HD. The internal hard disk reliable save recording and data back-ups. In addition, the user can also simultaneously record to USB memory and USB hard drives to archive, share and play back on other devices and locations. Another plus is the networking capability of the UR-4MD.
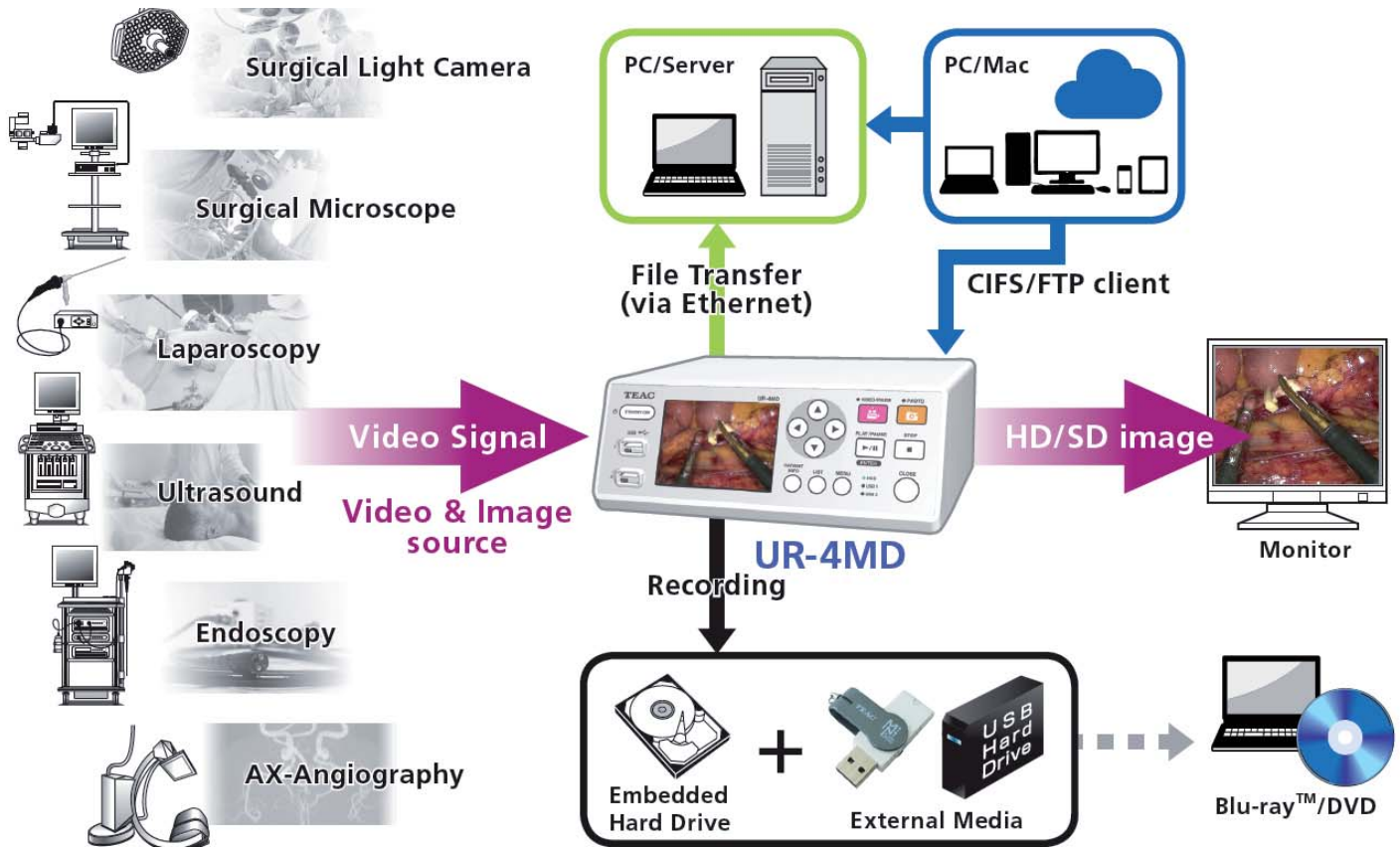
Benefits

> Full-HD 1920 x 1080 video recording
> Extreme ease of use
> Auto-sensing I/O and video resolution
> Simultaneous recording to multiple media (up to 2 external USB- drives and 1 internal HD)
> 3.5" LDC-monitor for Live View, Playback or GUI
> Networking (FTP and CIFS) RJ45 10/100/1000 Ethernet
> Auto-shutdown in case of power interruption
> S.M.A.R.T. monitors/ reports - Self-Monitoring, Analysis and Reporting Technology
> Fluid resistent front Panel

Technical Data

General	UR-4MD	
Item No.	**2011656**	
Recordable Devices	USB-Flash-Drive USB- Hard Drive Internal Hard Drive (500 GB)	
Display	3.5 Zoll LCD	
Power supply	100 V-240 V, 50/60 Hz	
Teperature operating	5 to 40 °C	
Teperature storage	-20 to 60 °C	
Humidity operating	5 to 80% (no condensation)	
Dimensions (WHD)	210x 88.5x 235 mm	
Weight	approx 2.6 kg	
Standards	IEC60601-1, CSA60601-1, EN60601-1, CE, IEC60601-1-2, EN60601-1-2, ICES-003, VCCI Klasse B, FCC Klasse B, FDA Klasse 1, ISO13485, CSA NRTL	
Accessories (optional)	Remote control unit, Foot-switch, keyboard, Barcode / Card Reader	

Recording Format		
Still image	Jpeg	
Video	MPEG-4 AVC/H.264	

Input/ Output		
	SDI BNC x 1	High-Definition, NTSC, PAL
	DVI (Single Link) x 1	High-Definition
Video - IN/OUT	S-Video x 1	NTSC, PAL
	Composite (BNC) x 1	NTSC, PAL
	SD/HD-SDI Thru x 1 (only Video-OUT)	High-Definition, NTSC, PAL
Audio - IN/OUT	SDI (BNC) x 1	* SDI-Video input terminal use in common
	Stereo-mini jack x 2	LINE, MIC (only Audio-IN)
Other Interfaces	RJ-45 (10BAST-T / 100BASE-TX / 1000Base-T) x 1	
	USB 2.0 Typ A x 3	2 front connector / 1 rear connector
	USB 2.0 Typ B x 1	1 rear connector for accessing the internal Hard Drive (on UR-4MD)
	Stereo mini jack x 3	for external trigger

![Baaske Medical logo]

System configuration

Surgical Light Camera

Surgical Microscope

Laparoscopy

Ultrasound

Endoscopy

AX-Angiography

Video Signal
Video & Image source

PC/Server

PC/Mac

File Transfer (via Ethernet)

CIFS/FTP client

UR-4MD

HD/SD image

Monitor

Recording

Embedded Hard Drive + External Media

USB Hard Drive

Blu-ray™/DVD

Approximate Recording Times for 500 GB Hard Drive

High-Definition 1920 x 1080

12 Mb/s	18 Mb/s	24 Mb/s
90 hours	60 hours	45 hours

Standard-Definition 1920 x 1080

5 Mb/s	8 Mb/s	10 Mb/s
180 hours	135 hours	100 hours