

# TEAC®

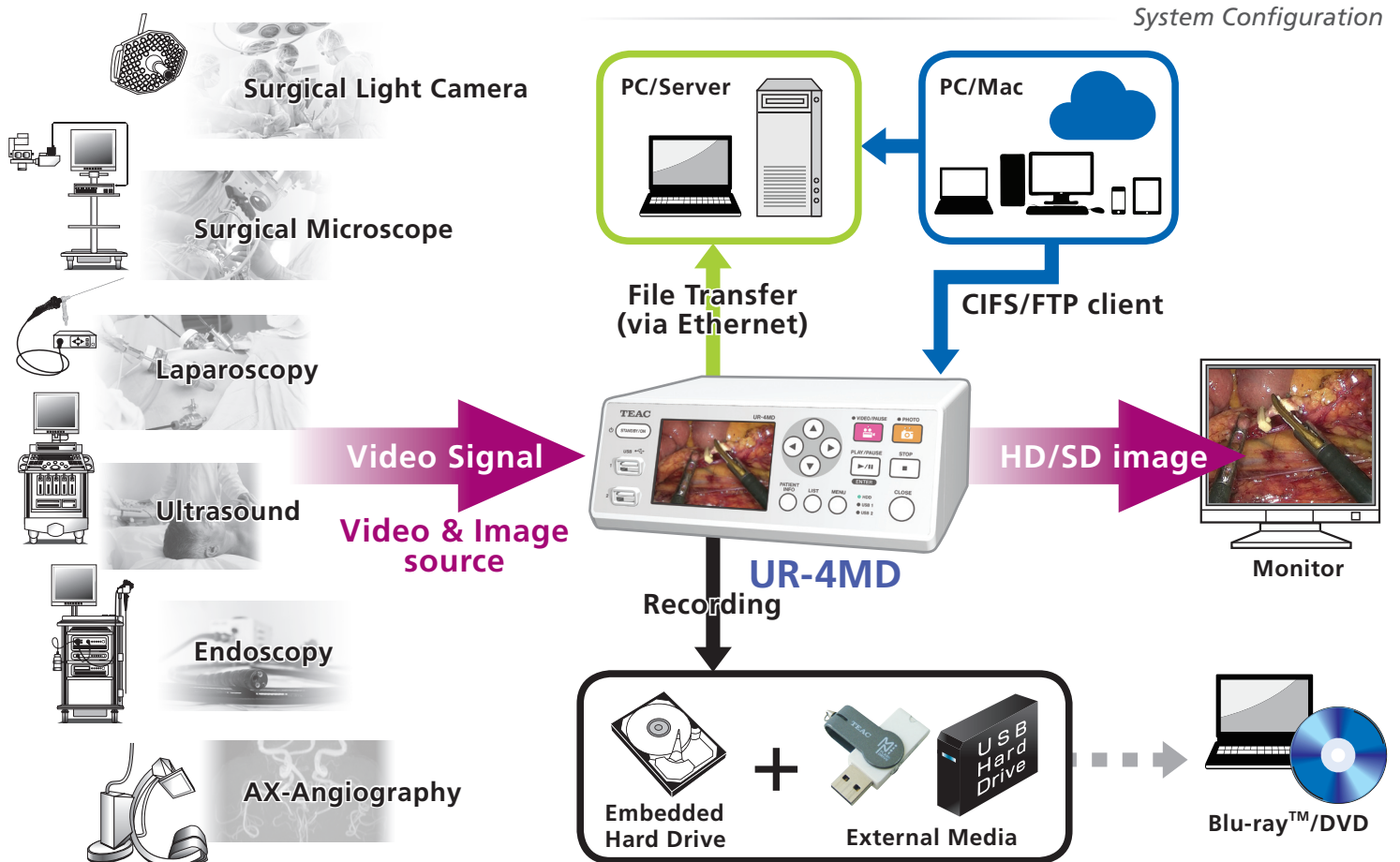
**It's never been so easy to capture Medical Imaging**

- **Full HD 1920 x 1080 video recording**
- **Extreme ease of use**
- **Advanced Fail-safe features**
- **3.5" LCD monitor for Live View, Playback or GUI**



## UR-4MD

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.



## Features

- **Intuitive & Easy To Use**
- **Auto-sensing** detects I/O & Video Resolution “automatically”
- **Wide range of recording resolutions**  
640x 480 ~ 1920x 1080 (30Hz/29.97Hz) : Undiluted recoding resolution  
1920x 1200 (Resize to 1728x 1080) : Supported Input resolution
- **Multiple HD & SD inputs/outputs** (SDI, DVI-D, S-Video and Composite)
- **Simultaneous recording** to multiple media (up to 2 External USB drives & 1 Internal HD)
- **Networking** (FTP & CIFS) RJ45 10/100/1000 Ethernet
- **Command Control** via USB
- Remote control, Foot-switch, Card/Barcode reader and Keyboard (Optional)
- Compliance with **Medical Standards**



UR-4MD

## Designed for the mission critical OR environment

- ✓ Fail-safe recording feature w/ the Internal Hard Drive for redundant data backup
- ✓ S.M.A.R.T. monitors/ reports Internal Hard Drive health (Self-Monitoring, Analysis and Reporting Technology)
- ✓ Safe auto-shutdown in case of power interruption
- ✓ Fluid resistant front panel

## Specifications

General		Approximate Recording Times for a 500GB Hard Drive		
Recordable Devices	USB Flash Drive	<b>High-Definition 1920 x 1080</b>		
	USB Hard Drive			
	Internal Hard Drive (500GB)	<b>12Mbps</b>	<b>18Mbps</b>	<b>24Mbps</b>
Display	3.5 inch LCD	90 hours	60 hours	45 hours
Power supply	AC 100V - 240V 50/60Hz	<b>Standard-Definition 640 x 480</b>		
Operating temperature	41 to 104 deg F (5 to 40 deg C)	<b>5Mbps</b>	<b>8Mbps</b>	<b>10Mbps</b>
Storage temperature	-4 to 140 deg F (-20 to 60 deg C)	180 hours	135 hours	100 hours
Operating humidity	5 to 80% (No condensation)			
Dimension (W x D x H)	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)			
Standards	Safety	IEC60601-1, CSA60601-1, EN60601-1		
	EMC	IEC60601-1-2, EN60601-1-2, ICES-003, FCC Class B		
Category		FDA Class 1		
Accessories(Optional)	Remote control unit, Foot-switch, Keyboard, Barcode / Card Reader			
<b>Recording Format</b>				
Still image	JPEG, DICOM(*.dcm)			
Video	MPEG-4 AVC/H.264			
<b>Input/Output</b>				
Input for Video	SDI (BNC) x1	3G/HD-SDI: 1080p / 1080i / 720p, SD-SDI: 480i / 576i		
	DVI (Single Link) x1	High-Definition		
	S-Video x1	NTSC, PAL		
	Composite (BNC) x1	NTSC, PAL		
Input for Audio	SDI (BNC) x1	*SDI video input terminal use in common.		
	Stereo mini jack x2	LINE, MIC		
Output for Video	SDI (BNC) x1	3G/HD-SDI: 1080p / 1080i / 720p, SD-SDI: 480i / 576i		
	DVI (Single Link) x1	High-Definition		
	S-Video x1	NTSC, PAL		
	Composite (BNC) x1	NTSC, PAL		
Output for Audio	SDI Thru x1			
	SDI (BNC) x1	*SDI video output terminal use in common.		
	Stereo mini jack x1	LINE		
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		
	USB2.0 Type B x1	1 rear connector for accessing the internal Hard Drive (on UR-4MD)		
	Stereo mini jack x3	for external trigger		

“Blu-ray™ Disc”, “Blu-ray™” and “Blu-ray™ Disc” logo are trademarks of Blu-ray™ Disc Association.

Other company names, product names and logos in this document are the trademarks or registered trademarks of their respective owners.

\*Features and specifications are subject to change without notice.

## TEAC EUROPE GmbH

Bahnstr.12, 65205 Wiesbaden-Erbenheim, Germany  
 Phone : +49-(0)611-7158-0  
 Fax : +49-(0)611-7158-393  
<http://www.teac.eu>  
 Email: [ipd-sales@teac.eu](mailto:ipd-sales@teac.eu)



Rear Panel