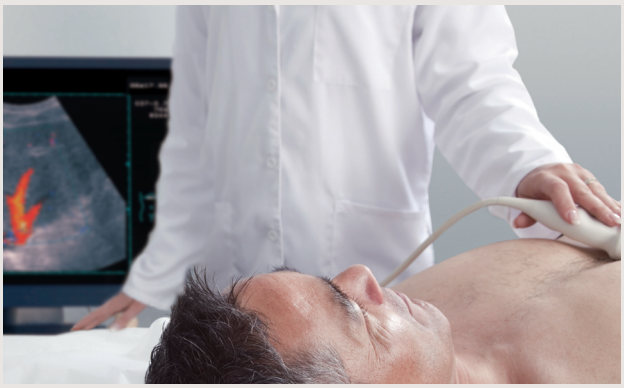
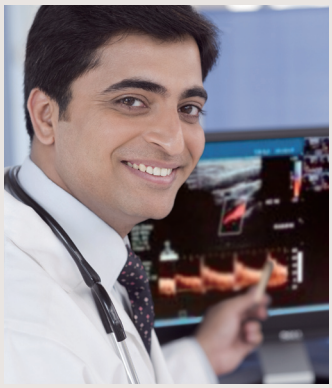
TEAC®

UR-50BD

High-Definition Medical Image Recorder

Now You Could Record High Definition Video from Imaging Modality with the Most Compatible Format Available



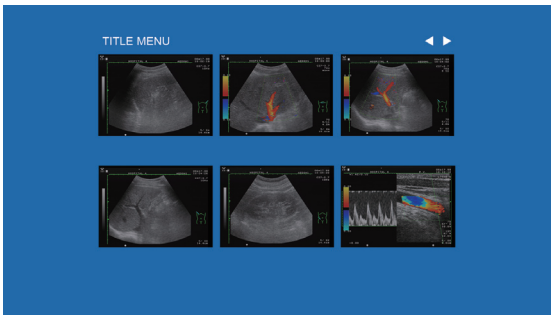


HDMI

Based on many years of experience and product knowledge of medical imaging and recording, TEAC introduces the UR-50BD, the solution for undiluted high-definition medical recording.
UR-50BD high-definition medical image recorder supports not only industry standard NTSC/PAL formats, but also high-definition video/audio format to be compatible with several medical imaging modalities which tend to generate high-resolution images to be recorded onto BD/DVD media or archived onto external USB Flash Drive/HDD.
Excellent quality recording provided by TEAC UR-50BD maximizes the efficiency of studies.

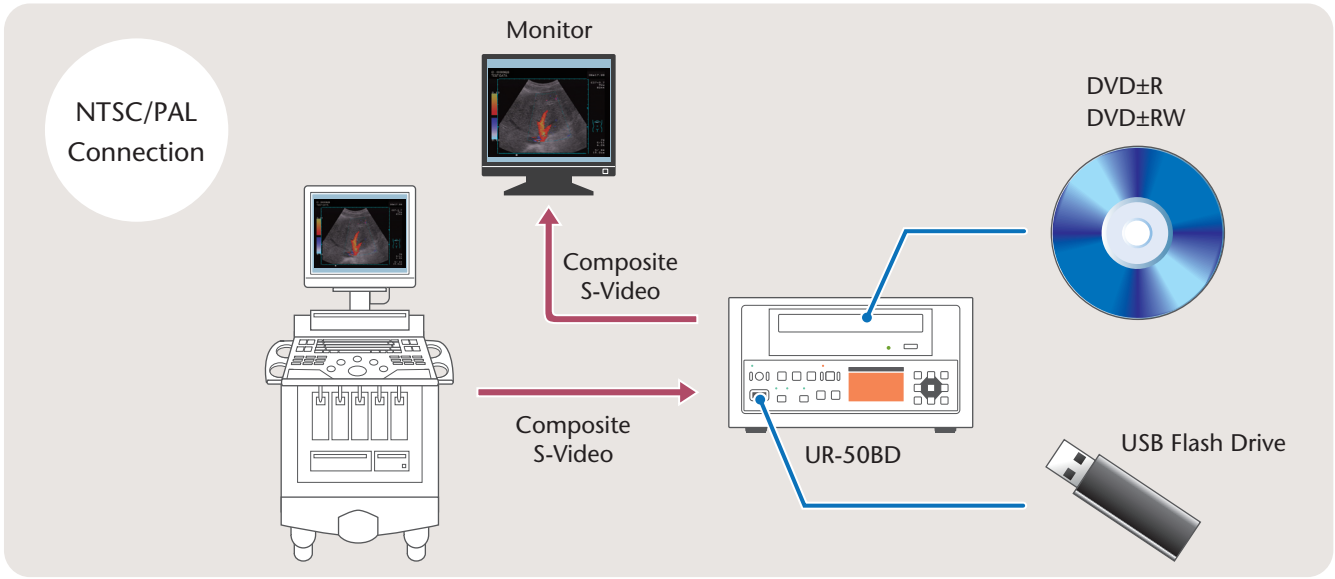
Features

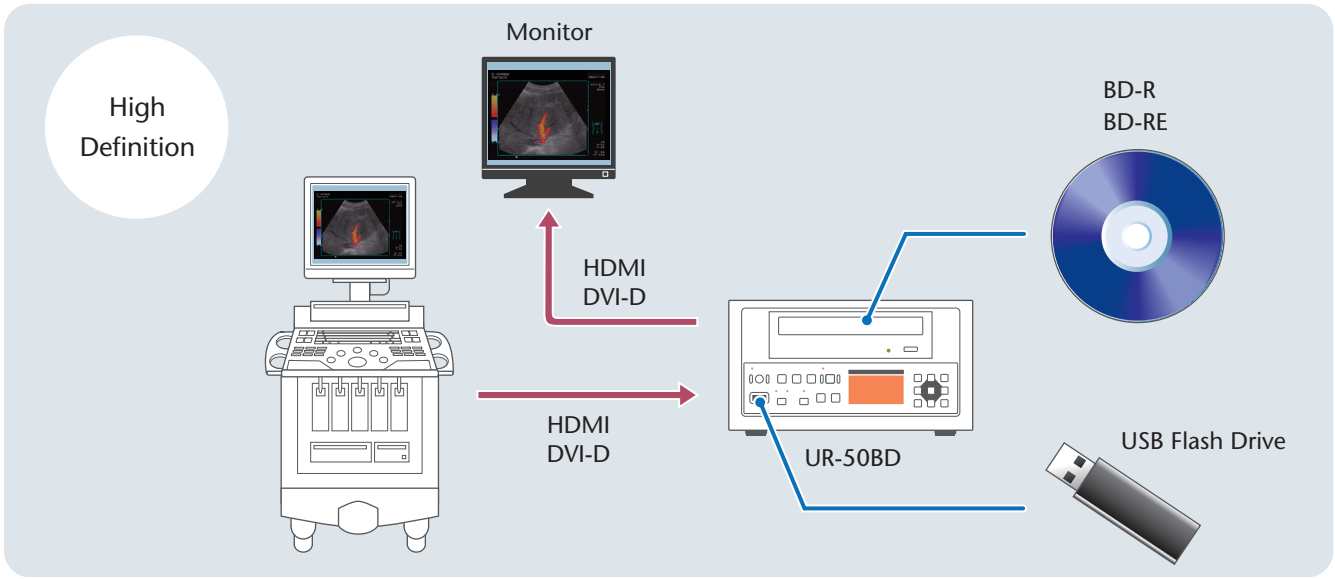
- Real-Time Direct Recording to Removable Media (Blu-Ray/DVD, USB Flash, USB Hard Drive, etc.)
- All-in-One Unit with No PC Required.
- High-Resolution Data Archiving via DVI (& HDMI).
- Hard Disk Drive (HDD) Embedded for the Data Backup.
- The Backed-Up Data (50GB x 2) on HDD Inside Can Be Retrieved to Removable Media for the Inexpensive (Digital File) Distribution of the Patient Study and Report.
- Recorded Data to Removable Media is STB and PC Compatible.
- Front Panel USB Port Provides Easy Access for USB Memory/USB HDD.
- RS-232C and USB Control.



Title Menu

Connection, Definition and Media

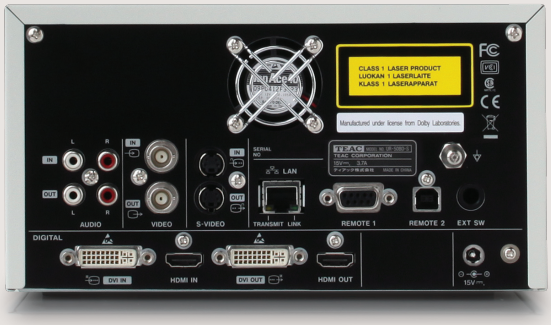




Recording Format

Input Format	Recording Format
NTSC	Full D1 720 x 480
PAL	Full D1 720 x 480
SVGA 800 x 600	720P 1280 x 720
960 x 720	720P 1280 x 720

Input Format	Recording Format
XGA 1024 x 768	720P 1280 x 720
SXGA 1280 x 1024	1080i 1920 x 1080
WSXGA+ 1680 x 1050	1080i 1920 x 1080
1080i 1920 x 1080	1080i 1920 x 1080
1080p 1920 x 1080	1080i 1920 x 1080



UR-50BD Specifications

Recordable media		
USB Flash Drive/ USB HDD	NTSC/PAL input	DVD-Video
	High-Definition	BDAV
	Recordable capacity	Max. 2 TB
DVD Disc	NTSC/PAL input	
	DVD-R, DVD-RW	DVD-Video
	DVD+R, DVD+RW	DVD-Video
	Recordable capacity	Max. 8.5 GB (DL Disc)
BD Disc	High-Definition	
	BD-R, BD-RE	BDAV
	Recordable capacity	Max. 50 GB (DL Disc)
Internal hard disk drive		
100 GB		
Recording format		
NTSC/PAL	MPEG2 PS	DVD-Video
High-Definition	MPEG2 TS	BDAV
	H.264	BDAV
Input for Video/Audio		
NTSC/PAL	BNC	1 Vp-p 75 Ω
	S-VIDEO	1 Vp-p 75 Ω Luminance
		NTSC: 0.273 Vp-p 75 Ω Chrominance
		PAL: 0.3 Vp-p 75 Ω Chrominance
High-Definition	HDMI	
	DVI-D	
Audio	RCA	-8 dBs min 10 kΩ, unbalanced
	HDMI	with Video Input
Output for Video/Audio		
NTSC/PAL	BNC	1 Vp-p 75 Ω
	S-VIDEO	1 Vp-p 75 Ω Luminance
		NTSC: 0.273 Vp-p 75 Ω Chrominance
		PAL: 0.3 Vp-p 75 Ω Chrominance
High-Definition	HDMI	
	DVI-D	
Audio	RCA	-8 dBs 1 kΩ, unbalanced
	HDMI	with Video Output (two channels)
Audio format		
NTSC/PAL	AC-3 RCA Analog	
High-Definition	AC-3 RCA Analog / HDMI	
Sampling	48 kHz / 16 bits	
Power supply		
AC adapter	Input	100 to 230 VAC 50/60 Hz
	Output	+15 VDC 60 Wmax
Dimensions		
Approx. 8 1/2 W x 4 5/8 H x 11 3/8 D in (214 W x 117 H x 290 D mm)		
Weight		
Approx. 8.8 lb (4.7 kg)		
Environmental condition		
Operating temperature	41 to 104 deg F (5 to 40 deg C)	
Storage temperature	-4 to 140 deg F (-20 to 60 deg C)	
Operating humidity	5 to 80% (No condensation)	
Interface		
RS-232C / USB (Virtual Serial Port)		
10BASE-T / 100BASE-TX		
External input		
mini jack (for external trigger)		
Medical standard		
Safety	IEC6060-1, CSA60601-1, EN60601-1	
EMC	IEC60601-1-2, CSA60601-1-2, EN60601-1-2	
	FCC class B, VCCI class B	
Certifications	CSA NTRL/N	
	CE Mark	
	FCC Class B	

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DVD Logo is a trademark of DVD Format/Logo Licensing Corporation.

"Blu-ray Disc", "Blu-ray" and "Blu-ray Disc" logo are trademarks of Blu-ray Disc Association.

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*Features and specifications are subject to change without notice.

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