



Record high-resolution video of dynamic and static image series in a DICOM format.

Media recording made simple.

MDR is the **first** - and **only** - medical DVD recorder to provide high resolution video recording of dynamic and static image series in a **DICOM** format. with its proprietary "**Relevant-IQ**" recapture feature and dicom recording format, MDR provides image records of unparalleled quality.

Each DVD (or CD) is recorded in DICOM format from a high resolution video source. MDR is not limited to recording from lower resolution S-Video or Composite connections. Instead, data is received and recorded at the highest bandwidth from the modality. Images recorded by MDR are far superior to S-VHS, S-video and MPEG images. The superior image quality is particularly beneficial for use in cardiology, angio, vascular and orthopedic applications as well as for any portable imaging modality.

Relevant-IQ - Improving Workflow

MDR's proprietary Relevant-IQ capability allows you to save only the clinically relevant data of any exam. Relevant-IQ simplifies the video recording process, allowing you to record still images, loops and cine with a touch of a button (or footswitch, sold separately). Offering both retrospective and prospective record modes supports the capture of user specified seconds or minutes of image data immediately preceding or following the desired event. MDR also allows continuous linear recording of long dynamic runs or one-button capture of single frames directly from streaming video data.

Relevant-IQ maximizes your efficiency during the review process. MDR recorded disks eliminate the tedious and time consuming review and rewinding to get to a few seconds of important data.

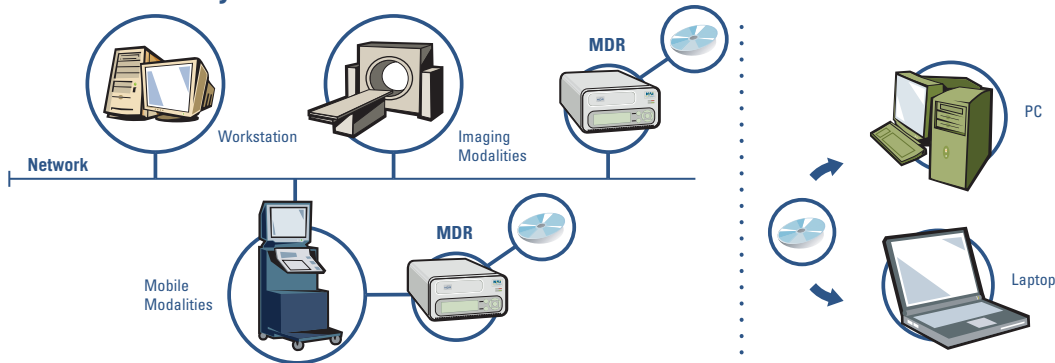
Why MDR?

- Create High-Resolution DICOM images on CD-R, CD-RW, DVD+R or DVD+RW media
- Quick, efficient image capture from the DICOM network or directly from the modality
- Can be installed as a network device in any clinical environment
- Up to four simultaneous DICOM connections
- Makes any PC monitor or laptop an image review station
- Compact and rugged design - ideal for use with mobile devices
- Multi-modality compatible
- Always in receive mode: ready to capture exam data
- Record individual (single patient mode) or multiple (archive mode) exams to disk
- DICOM viewer included on disk - makes DICOM images totally portable

MDR® - Medical Digital Recorder™

media recording made simple

MDR fits anywhere.



MDR fits anywhere.

MDR can be easily placed in both mobile and fixed environments. Its compact form is designed to allow MDR to simply slide into the existing recorder shelf of Mobile C-Arms, ultrasound carts and MR/CT systems. Whether in a clinic, department or physician's office, MDR's design allows it to fit anywhere on a network with a minimum space requirement.

Experience the freedom of MDR.

Why continue to waste time and money? MDR's technology makes standard recording options obsolete. MDR is the user-friendly, economical DICOM recording solution you've been waiting for. Its production quality, streamlined design and virtually hands-free operation make it a valued tool in any medical environment.



12919 Earhart Avenue, Auburn, CA 95602 USA
Ph: 1-866-342-6629 • 1-530-887-1008 • Fax: 1-530-887-1108
www.dicombox.com

Specifications

- **DICOM Store SCP**
- **Up to four simultaneous DICOM connections**
- **Ethernet 10/100Base T**
- **Media compatibility**
CD-R
CD-RW
DVD+R
DVD+RW
DVD-R*
DVD-RW*
- **Storage capacity**
DVD+R, DVD-R: 4.7GB
Equivalent to over 5000 single images, or equivalent minutes of streaming video
DVD media offers more than 7 times the capacity of CD-R media
CD-R: 640MB
Equivalent to over 700 single images
Storage capacity based on uncompressed data; lossy and lossless compression will impact actual capacity and image quality.
- **Playback compatibility**
DVD+R and -R media are compatible with most DVD drives. Compatibility may be affected by blank DVD media brand and DVD drive model. Certain DVD ROM models may require a firmware update from the manufacturer. CD-R media is compatible with all CD and DVD drives
- **Physical characteristics**
Height: 132mm (5.6")
Width: 270mm (10.6")
Depth: 366mm (14.5")
Weight: 10kg(22 lbs)
- **Power Input**
115-230VAC, ±15% 47-63Hz, 120VA
- **Classification**
IEC601 Class 1,
Type B ordinary equipment, continuous operation
- **Agency approvals**
UL 2601-1; IEC601-1;
IEC601-1-2; CSA601.1
CISPR 11B

* - feature available in 2005

