



Send DICOM images to DVD or CD from any imaging system on the network

Burning disks is easy.

NAI's Medical Digital Recorder™ (MDR®) is transforming how DICOM images are burned to disk and viewed. Transfer DICOM format images directly from any imaging modality, workstation or PACS to DVD or CDR media. MDR burns DICOM images in their original digital format for off-line review, treatment planning, referrals, patient communication and archiving. MDR is easy to use and extends the value of any digital environment or PACS network. MDR can burn multiple patients to disk and provides an advanced DICOM viewer with patient index for easy retrieval from any Windows® PC. Every MDR disk is DICOM Part 10 compatible allowing most PACS to import studies from disk.

DVDs and CDs are more economical.

There's no comparison. DVDs and CDs can be produced at one-fourth the cost of film, one-tenth the cost of DAT tape and one-fifth the cost of S-VHS tape. Plus disks can record an amazing amount of data: more than 700 single images on one CD; more than 5,000 single images or equivalent streaming video on one DVD*. The image quality is always perfect because they retain the full DICOM information as sent from the modality.

* image data based on typical image resolution in uncompressed format

For additional information, contact
NAI Tech Products toll free at
866-342-6629 or 530-887-1008.

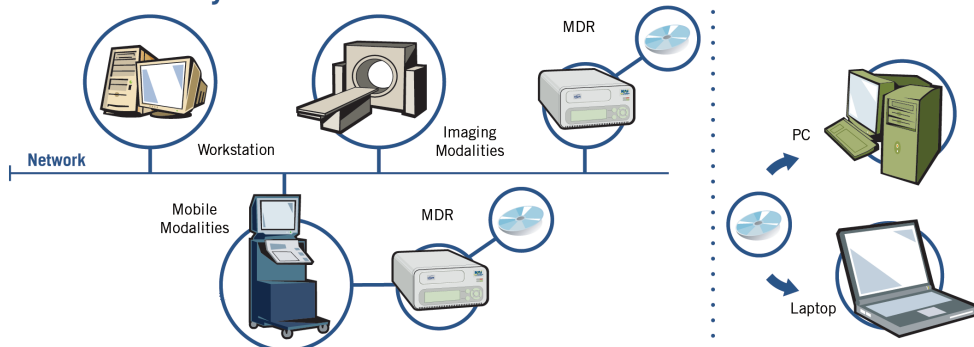
Why MDR?

- Always in receive mode: ready to capture exam data
- Burn high-resolution DICOM images to DVD and CDR media
- Simply send images from modalities over the network to MDR and burn disks automatically
- Share MDR with up to four simultaneous DICOM network associations
- MDR installs easily on any PACS network
- Multi-modality compatibility
- Produce single or multiple patient disks
- Advanced DICOM viewer utility makes any PC or laptop a review station
- DICOM Part 10 compatibility to import studies from disk to PACS
- Compact and rugged design for use at modality side or with portable devices
- Powerful image management tools to easily create multiple disk copies

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.

How MDR works.

Simply configure MDR to your DICOM network as another storage class device. At each modality or PACS add MDR as another network destination. MDR is ready for use. Images are cached to MDR's large internal hard drive for always ready recording and automatic transfer of exam data to DVD or CDR. An easy to use front panel interface allows users to control all features and exam management tools.

Experience the freedom of MDR.

Why continue to waste time and money? MDR's patent pending technology makes standard media production options obsolete. MDR extends the capabilities and will enhance the value of any digital network, providing a cost-effective way to manage DICOM images. MDR is the best tool for image portability, improving productivity, reducing costs and maximizing the advantages of your digital investment.

Patent Pending
Features and specifications subject to change without notice



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
- Internal Hard Disk Drive
- **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

