

MDR[®] Express RP



Send DICOM Images to CD/DVD and Label Disks at the Modality

Why MDR Express RP?

- ⚙ Cost-effective media writing solution
- ⚙ Records images to DVD/CD-R in DICOM Part 10 format with DICOM viewer
- ⚙ Writes to and reads from USB media
- ⚙ Media Import and DICOM Store SCU functions
- ⚙ Compatible with any DICOM modality
- ⚙ Large capacity internal hard drive is always ready to receive data
- ⚙ Installs easily on any PACS
- ⚙ Compact and rugged design for use at the modality or with portable or mobile devices

Technology Designed for Medicine

MDR[®] Express RP is a medical device which transfers DICOM format images directly to CD or DVD media with automatic, full color label printing including patient and exam data. MDR Express RP can also write to USB media. A powerful DICOM viewer is added to all media enabling images to be viewed on any Windows[®] PC. DICOM disks made on other disk burners can also be labeled. A media import feature allows studies to be imported from portable media and sent to PACS.

Applications

MDR Express RP transfers DICOM images from any imaging modality, workstation or PACS to CD/DVD or USB media. It writes images in their original DICOM format from up to four DICOM devices simultaneously for off-line review, treatment planning, referring physician copies and patient communication or disaster recovery disks. Due to its compact form factor and rugged design, MDR Express RP is particularly well suited for use at the modality and in portable or mobile applications such as CR, DR and Digital Mammography.

Burn and Label Disks in the Same Drive

MDR Express RP integrates a printer that burns data onto the disk and prints a full color inkjet label within the same drive. This technology provides a compact, self-contained solution for any imaging system—innovative, cost-effective and portable.

Write DICOM Images to USB Media

In addition to CDs and DVDs, MDR Express RP can download exams directly to USB storage media with a DICOM viewer. A convenient USB 2.0 port is located on the front of the unit for this purpose.

Convenient and Intuitive User Interface

The user interface for MDR Express RP is conveniently located in a separate unit. A web based user interface is also available.

Specifications

DICOM Part 10 Compatibility for Recorded Disks

Ethernet 10/100/1000

DICOM Storage Class SCP

- Up to four simultaneous DICOM associations

Optional Accessory (sold separately)

- Compact Keyboard PS2/USB

Media Formats

- DVD+R (12cm 4.7GB) Typical data record rate 21.6MB/s
- DVD±RW (12cm 4.7GB) Typical data record rate 10.8MB/s
- CD-R, CD-RW (12cm 700MB) Typical data record rate 2.4MB/s
- We recommend WaterShield media for the best image quality, durability and performance
- USB 2.0

Electronic Scribing Process (ESP)

- DICOM disks from most other burners can be labeled and a viewer added using MDR Express RP

Media Import and DICOM Storage Class SCU Function

- Exams from DICOM disks can be imported to MDR Express RP and sent to PACS

Disk Labeling

- Inkjet printer using RadialPrint Technology
- Single CMYK color cartridge

Physical Characteristics

- Dimensions: Height 150mm (5.9") x Width 267mm (10.5") x Depth 394mm (15.5")
- Weight: 11.36kg (25 lbs.)
- Power Input: 100-240 VAC, ± 10%, 47-63Hz, 140VA

Classification

- IEC 60601 Class I, No Applied Part
- EN 60601-1-2 Class B, Group 1
- IEC 60529, IP 21

Agency Approvals

- UL 60601-1 (1st Edition)
- EN 60601-1-2; CISPR 11B
- CAN/CSA C22.2 No 601.1-M90



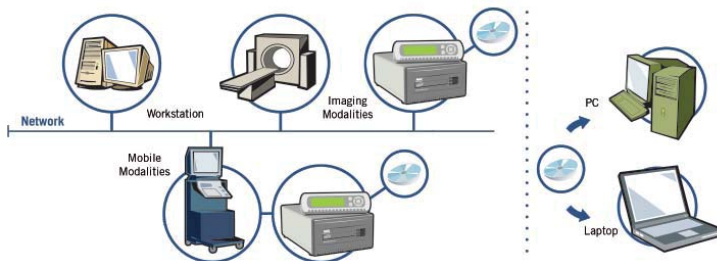
Record to USB media



Create your own custom disk labels



MDR Express RP fits anywhere



Get Started

For more information about **MDR Express RP**, contact us at +1 925 846 9600 or email getstarted@pacsgear.com

*Features and specifications subject to change without notice.

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