



Overview

The MediRad SoloBurn is a fully automated CD/DVD/USB DICOM publisher designed for cost-effective, high-quality distribution of medical imaging studies on portable media. Ideal for imaging centres and hospitals of any size, it streamlines disc creation, from burning to professional-grade labeling. Published discs can include full-fidelity DICOM images, DICOMDIR, HTML reports, multiple viewers, web access profiles, and AES 256-bit encryption. With intuitive drag-and-drop operation and fully automated media handling, SoloBurn delivers fast, reliable, and consistent CD/DVD/USB production for efficient workflow integration.

Key Benefits

- **Eliminate Human Error:** Ensures patient information is accurately labeled, preventing misplacement or mix-ups.
- **Fully Automated:** Burns and labels discs or USBs with no operator intervention.
- **Cost-Effective:** Reduces operational costs, minimizes film duplication, and maximizes ROI.
- **Professional Labels:** Customizable discs with patient info (ID, Name, Study Date, Description), logos, or photo-quality artwork.
- **Automated Workflow:** Integrates with PACS, DICOM modalities, or workstations for direct disc creation.
- **Embedded Viewers:** Multiple viewers included for Windows, macOS, and Linux, enabling immediate access without additional software.
- **Secure & Compliant:** AES 256-bit encryption ensures patient data is safe and compliant.

Disc Capabilities

- **CD:** 700 MB | **DVD:** 4.7 GB, auto-spanning for larger studies
- Automatically switches to a second or third disc when the study exceeds the capacity of a single DVD
- Automatic generation of DICOMDIR and HTML files
- Compatible with Windows, macOS, and Linux viewers

Robotic Disc Publisher

SoloBurn supports industry-standard robotic disc publishing hardware. Blank discs are held in a single input bin. When a job is submitted, the disc is automatically picked up, burned, and placed in the labeling printer for professional-quality results.

Touchscreen User Interface

Discs can be created through the Intuitive Touchscreen User interface. Select Patient and click the "Burn Disc" button. Or users also have the ability to automatically burn disc's simply by sending data to a pre-determined AE title. After data is sent to the burner, the exam is automatically created and burn on to the disc

Embedded Multi-Platform Viewer

The MediRad DuoBurn embeds a DICOM viewer on each CD/DVD during the disc creation process, allowing users to easily view and manipulate medical images on any computer without installing additional software. This ensures that every recipient of the image disc can effortlessly read the data and import it into any image archiving system. The discs include multiple viewers compatible with Windows, macOS, and Linux, providing seamless accessibility across platforms.

Key Features at a Glance

- Receive DICOM images from any DICOM network source and automatically store them for disc publishing and labeling
- DICOM Query/Retrieve supported from PACS
- Automatically burn and label CD/DVD discs with received DICOM studies
- Prints dynamic patient information (ID, Name, Study Description) directly from the DICOM record
- Burn directly from web browser or modality workstation
- Automatic study organization & disc creation
- Multi-platform viewers included
- AES 256-bit encryption for secure data
- Export patient studies to USB
- Export patient studies to local or network folders
- Combine multiple studies on one disc

Specifications

- Media Inputs: One 20-disc input bins
- Media Output: One 20-disc output bin
- Optical Drives: One CD/DVD drives
- Recordable Formats: CD-R, DVD-R, USB
- Label Printing: Inkjet (up to 4800 dpi)
- Ink Cartridge: One high-yield, tri-color ink cartridge with integrated print head (eliminating the need for a separate print head replacement and delivering low ink cost per disc)
- Processor: Intel Core i7
- Memory: 16 GB
- Storage: 500 GB SSD
- Touchscreen: 23.8" LED, integrated & detachable
- Connectivity: Remote web browser access

Contact

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