3DISC
IMAGING

FireCR+ Medical Readers

- High-quality digital images
- Fast, compact & affordable CR solution
- Tailor a system to meet your needs

Fast and Flexible Medical CR Solution

The FireCR+ Medical product line from 3DISC Imaging represents the next generation in CR reader technology, offering a unique combination of high image quality, affordability, speed, and the ability to tailor a system that meets your exact needs—along with the flexibility to help you grow.

FireCR+ Medical Product Line

3DISC Imaging's family of compact, lightweight CR readers can be configured for nearly any clinical application. The FireCR+ Medical product line offers a wide range of models and options—including a variety of imaging speeds that can be upgraded in the field—providing solutions to meet any requirements and budget.

FireCR+ Medical Reader

The FireCR+ Medical Reader is a versatile system supporting two universal cassette sizes. The system can be placed on a tabletop or wall-mounted, allowing it to fit seamlessly into even the most space-challenged radiology department or clinic.

FireCR+M Medical Reader

New to the 3DISC Imaging product family, the FireCR+M Medical Reader is capable of scanning multiple cassette sizes—including the most used imaging plates. The tabletop system offers the same high image quality, speed, and upgradability that are hallmarks of 3DISC's CR reader product line.

Only from 3DISC Imaging

No other company offers this unique range of models, features, and options, providing unmatched flexibility for your practice or clinic, and ensuring that your technology investment is protected.

HIGHLIGHTS

- Next-generation systems with enhanced image quality
- Wide range of models—tailor a system to meet your needs
- High throughput—up to 70 plates per hour
- Field upgradeable to protect technology investments
- Models accommodate a variety of cassette sizes
- Ultra-light, compact tabletop or portable system
- Wall-mount models for space-challenged facilities
- One step, integrated scanning & erasing
- Automatic cassette & plate handling
- Rugged, torsion stabilized optics
- Fanless system prevents dust contamination
- Low noise during operation
- Minimum maintenance

Experience the Benefits of FireCR+ Medical Readers

Proven Technology

3DISC Imaging's pioneering FireCR+ technology delivers the image quality you need, along with increased stability and reduced maintenance requirements. Join the growing number of radiology departments, clinics, and specialty practices around the world that are turning to FireCR+ Medical Readers for proven technology—along with the flexibility that helps them grow.

Optimized Imaging Parameters

FireCR+ Medical Readers can be configured for nearly any clinical application and offer full DICOM connectivity. All imaging parameters are optimized, resulting in high-quality digital images that can be enhanced, enlarged, duplicated, and sent to any location in seconds with no loss of resolution.

High Throughput

FireCR+ Medical Readers are designed to provide the high throughput of an ultra-fast single plate CR system. With scan speeds of up to 70 imaging plates per hour, FireCR+ Medical Readers keep up with even the busiest clinical environments.

Upgradeable

FireCR+ Medical Readers can be upgraded in the field—without disrupting workflow. Customers simply invest in the reader with the imaging speed that meets their current needs and budgets, and then scale up as their imaging volume increases.

Compact & Lightweight

FireCR+ Medical Readers are extremely compact and lightweight. At just 65 pounds and 5 inches tall, they are ideal for locations where space is at a premium—and wall-mountable models fit in even the tightest imaging booths.

Vertical Wall Mount

- Provides a footprint of less than 5 inches
- Allows installation in clinics with limited space

Transport Case

- Your FireCR+ is delivered in a solid transport case on wheels
- Provides clinics with a portable solution

Product Lines

FIRECR+ MEDICAL READER

- **FireCR+ Medical-80 Reader**
- **FireCR+ Medical-60 Reader**
- **FireCR+ Medical-40 Reader**
- **FireCR+ Medical-20 Reader**

FireCR+ Medical Readers are becoming the go-to products for radiology departments and specialty practices looking for high-quality, versatile, highly reliable CR solutions.

- Operates two universal cassettes with imaging plate sizes of 10” x 12” & 14” x 17”
- Select from four models depending on your imaging speed requirements
- Upgrade as your imaging volume increases
- Compact & lightweight—choose tabletop or space-saving wall-mount option for space-challenged practices
- Transport case on wheels offers portability
- Features QuantorMed+ Imaging Software—next generation software with an improved interface for even more intuitive & fast operation

FIRECR+M MEDICAL READER

- **FireCR+M Medical-80 Reader**
- **FireCR+M Medical-60 Reader**
- **FireCR+M Medical-40 Reader**
- **FireCR+M Medical-20 Reader**

The FireCR+M Medical Readers are the newest products in the growing FireCR Reader family—featuring multiple cassette options.

- Scans the most-used cassette sizes—8” x 10”, 10” x 12” & 14” x 17”
- The FireCR+M Medical Reader’s 10” x 12” size cassettes are perfect for podiatry examinations
- Select from four models depending on your imaging speed requirements
- Upgrade as your imaging volume increases
- Compact tabletop system
- Features QuantorMed+ Imaging Software—next generation software with an improved interface for even more intuitive & fast operation

Tailor a System to Meet Your Needs

- *Are you a busy radiology department or practice needing fast imaging speed?*
- *A large but space-challenged clinic?*
- *A specialty podiatry or orthopedic practice?*
- *Or a smaller department with a tight budget but plans to grow?*

A FireCR+ Medical Reader from 3DISC Imaging with features and options tailored to YOUR needs is the answer.

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Why 3DISC Imaging?

3DISC Imaging is a pioneer in developing quality imaging products for the medical, dental, chiropractic, podiatry, and veterinary markets. Its products are based on innovative concepts that provide highly productive, compact devices and software solutions that deliver uncompromising image quality at an affordable price. The company's leading-edge products are being used by a growing number of hospitals, clinics, chiropractors and specialty practices worldwide.

Specifications:

	FIRECR+ MEDICAL READER	FIRECR+M MEDICAL READER
Cassette sizes:	**14" x 17":** Supports IP sizes 14" x 17" & 14" x 14" **14" x 10":** Supports IP sizes 10" x 12", 8" x 10" & 6" x 12"	14" x 17" 10" x 12" 8" x 10"
System set-up options:	Tabletop • Vertical wall mount	Tabletop
Selectable Pixel Size:	**High:** 100µm • **Standard:** 200µm	
Throughput:	**Medical-80:** Up to 70 plates/hour (IP 14"x17") • **Medical-60:** Up to 60 plates/hour (IP 14"x17") **Medical-40:** Up to 40 plates/hour (IP 14"x17") • **Medical-20:** Up to 20 plates/hour (IP 14"x17")	
Resolution:	Data Capture: 16-bits per pixel, 65,000 graytones	
Dimensions (H x W x D):	4.6" x 18.3" x 27.7" (117 x 464 x 703 mm)	
Weight:	65 lbs (30kg)	
Software:	**Image File Formats:** DICOM 3.0, TIFF, BMP, JPEG • DICOM Send • Embedded Viewer • Window Level Multi Frequency Image Processing • Zoom, Cropping, Mark • User defined LUT • DICOM Print • CD/DVD Burning	
Computer workstation minimum requirements:	Intel Core Duo/Core 2 Processor Min. 80 Gigabytes Hard Disk, 2 Gigabyte RAM Windows 7 (32-bit & 64-bit) NetCard (100 MBit), CD/DVD, 2 USB 2.0 ports Monitor: 1,280x900 pixels, DVI Interface	
Power requirements:	110/220/240V, 60/50cs, 150W • UPS required	
Regulatory approvals:	FDA 510(k) • CE (0120) • UL, cUL, FCC • KFDA • Not approved for mammography	
Safety Standards:	EN 60601-1 • EN 60825-1 • EN 60601-2	
Operating conditions:	**Temperature:** 59-86 Fahrenheit (15-30 Celsius) • **Temperature Gradient:** 0.5 Deg. Celsius / Min. **Humidity:** 15%-95% RH • Magnetic Field: Max. 1260 Micro Tesla	

Specific results may vary since operating conditions fluctuate.

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