

## FireCR Flash Medical Readers

- Crystal-clear image quality
- Scanning speeds to meet every need
- Compact & wall-mountable to fit anywhere



## Compact & Flexible CR Solution

*Introducing the FireCR Flash Medical Readers from 3DISC Imaging—with new features inside and out to meet a full range of imaging needs.*

### Superior Image Quality

The new FireCR Flash Medical product line features technology advances pioneered by 3DISC Imaging that result in the highest signal collection efficiency—providing the crystal-clear image quality you need for diagnostic imaging applications.

### Innovative Design

The FireCR Flash Medical is exceptionally small and light. This compact size allows the readers to be placed on a counter or wall-mounted, perfect for even the most space-challenged imaging department or radiology practice. The FireCR Flash accommodates a range of cassette sizes to meet every imaging need, and cassettes feature advanced engineering that makes them remarkably strong and robust.

### Unmatched Flexibility

The FireCR Flash Medical product line offers a variety of imaging speeds, providing solutions to meet any requirements and budget. And, when needs change, the readers can be affordably and easily upgraded in the field for higher throughput.

### Only from 3DISC Imaging

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



### HIGHLIGHTS

- Crystal-clear image quality
- Fast—up to 70 full-size plates per hour
- Field upgradeable to protect technology investments
- Ultra-light & compact
- Wall-mountable for space-challenged facilities
- New strong, robust cassettes
- No bending of imaging plate
- Accommodates three standard medical cassette sizes
- Automatic cassette & plate handling
- One step, integrated scanning & erasing
- Rugged, torsion stabilized optics
- Fanless system prevents dust contamination
- Quiet, stable & low-maintenance
- Optimal for telemedicine

# Experience the Benefits of FireCR Flash Medical Readers

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## Proven Technology

3DISC Imaging's pioneering FireCR Flash technology delivers the image quality you need, along with increased stability and reduced maintenance requirements.

## Optimized Imaging Parameters

With FireCR Flash Medical Readers, 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.

## Compact & Ultra-Light

FireCR Flash Medical Readers are extremely compact and light-weight. Only 19,5 kg and under 14 cm tall, they are ideal for locations where space is at a premium—and can be wall-mounted to fit in even the tightest imaging booths.

## High Throughput

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

## New Cassettes

FireCR Flash Medical Readers feature new cassettes that have been engineered to stand up to the handling challenges in busy imaging environments. A specially designed metal plate “carries” the imaging plate through the system. The imaging plate is never bent or rolled and nothing touches it during the reading process. This reduces the chance of damage and prolongs the life of valuable imaging plates.



# FireCR Flash Medical Reader Product Line

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- FireCR Flash 70 Reader
- FireCR Flash 50 Reader
- FireCR Flash 30 Reader

Join the growing number of radiology departments, clinics, and specialty practices around the world that are turning to 3DISC FireCR readers for proven technology—along with the flexibility that helps them grow.

- Exceptional image quality
- Select from three models depending on your imaging speed requirements
- Upgrade as your imaging volume increases
- Compact, lightweight & wall-mountable
- Features QuantorMed<sup>+</sup> Imaging Software—next generation workstation software with an easy-to-use interface for intuitive & fast operation



## Vertical Wall Mount

- Provides a footprint of just over 5 inches
- Allows installation in clinics with limited space



## Cassettes

FireCR Flash Medical Readers accommodate a full range of the most-used cassette sizes:

- 35 cm x 43 cm
- 24 cm x 30 cm
- 18 cm x 24 cm

## 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 Flash Medical Reader from 3DISC Imaging with features and options tailored to YOUR needs is the answer.

## Why 3DISC Imaging?

3DISC Imaging is a pioneer in developing quality imaging products for the medical, dental, chiropractic, and veterinary markets. The company provides highly productive, compact devices and software solutions that deliver uncompromising image quality at an affordable price—along with the flexibility that helps you grow. The company's leading-edge products are supporting the imaging needs of a growing number of hospitals, clinics, specialty practices, and dental offices worldwide.



### SPECIFICATIONS

<b>Cassette sizes:</b>	35cm x 43cm, 24cm x 30cm, 18cm x 24cm
<b>System set-up options:</b>	Tabletop • Vertical wall mount
<b>Selectable Pixel Size:</b>	<b>High:</b> 100µm • <b>Standard:</b> 200µm
<b>Throughput:</b>	<b>Medical 70:</b> Up to 70 plates/hour (35cm x 43cm) <b>Medical 50:</b> Up to 50 plates/hour (35cm x 43cm) <b>Medical 30:</b> Up to 30 plates/hour (35cm x 43cm)
<b>Resolution:</b>	<b>Data Capture:</b> 16-bits per pixel, 65,535 graytones
<b>Dimensions (H x W x D):</b>	5.4" x 17.9" x 31.6" ( 137 x 456x 803 mm)
<b>Weight:</b>	42.4 lbs (19.5kg)
<b>Software:</b>	<b>Image File Formats:</b> DICOM 3.0, TIFF, BMP, JPEG • DICOM Send • Image Viewer • Window Level Multi Frequency Image Processing • Zoom, Cropping, Mark • User defined LUT • DICOM Print • CD/DVD Burning
<b>Computer workstation recommended requirements:</b>	Intel Core i5 500 Gigabytes Hard Disk, 4 Gigabyte RAM Windows 7 and 8 (32-bit & 64-bit) CD/DVD, 3 USB 2.0 ports Monitor: 1920x1080, 1440x900, DVI Interface
<b>Power requirements:</b>	110/220/240V, 60/50cs • UPS required
<b>Regulatory approvals:</b>	FDA 510(k) • CE (0120) • UL, cUL, FCC • Not approved for mammography
<b>Safety Standards:</b>	EN 60601-1 • EN 60825-1 • EN 60601-2
<b>Operating conditions:</b>	<b>Temperature:</b> 59-86 Fahrenheit (15-30 Celsius) • <b>Temperature Gradient:</b> 0.5 Deg. Celsius / Min. <b>Humidity:</b> 15%-95% RH • <b>Magnetic Field:</b> Max. 1260 Micro Tesla

Specific results may vary since operating conditions fluctuate.

We reserve the right to modify specifications without prior notice.

FireCR, FireCR<sup>+</sup>, FireCR Flash, FireCR Dental, FireID, 3DISC, 3DISC Imaging, Quantor, QuantorMed, QuantorMed<sup>+</sup>, QuantorVet, QuantorVet<sup>+</sup>, Quantor-Dent and QuantorDentVet are trademarks of 3D Imaging and Simulations Corp (3DISC)

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