

FireCR⁺ Medical CR Reader

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



Fast, Flexible & Priced Right!

The FireCR⁺ Medical CR Reader from 3DISC Imaging represents the next-generation in CR systems. The FireCR⁺ Medical Reader is ideal for smaller hospitals, busy clinics, and specialty practices such as chiropractors, podiatrists, and orthopedists—any healthcare facility seeking flexibility that lets them grow. The advanced system builds upon 3DISC's pioneering FireCR technology, offering even better image quality, as well as increased stability and reduced maintenance requirements.

High Throughput

The FireCR⁺ Medical Reader was 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.

Compact & Lightweight

FireCR⁺ Medical Readers are extremely compact and lightweight. At just 65 pounds, the system can be used for portable applications, as well as in situations where space is at a premium. A height of less than 5 inches, combined with the ability to wall-mount the system, allows for installation in even the tightest technologist booths.

Optimized Imaging Parameters

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

Upgradable

FireCR⁺ Medical Readers can be upgraded in the field, without disrupting workflow. Customers simply invest in the reader that meets their current needs and budgets, and then scale up as their imaging volume increases. This unique feature provides maximum flexibility for practices and clinics, and ensures that their technology investment is protected.

Highlights

- Next-generation system with enhanced image quality
- High throughput — up to 70 plates per hour
- Ultra-light, compact table-top or portable system
- Wall-mount option for space-challenged facilities
- Field upgradeable to protect technology investments
- One step, integrated scanning & erasing
- Automatic cassette & plate handling
- Rugged, torsion stabilized optics
- Fanless system prevents dust contamination
- Low noise during operation
- Increased stability & reduced maintenance
- Includes solid, easily transportable case on wheels

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FireCR⁺ **Medical-80** CR Reader • Up to 70 plates/hour (IP 14"x17")

FireCR⁺ **Medical-60** CR Reader • Up to 60 plates/hour (IP 14"x17")

FireCR⁺ **Medical-40** CR Reader • Up to 40 plates/hour (IP 14"x17")

FireCR⁺ **Medical-20** CR Reader • Up to 20 plates/hour (IP 14"x17")

FireCR⁺ Key Specifications

Throughput:

- Up to 70 plates/hour (IP 14"x17")

Supported IP sizes:

- Universal Cassette 14" x 17": Supports IP sizes 14" x 17" and 14" x 14"
- Universal Cassette 14" x 10": Supports IP sizes 10" x 12", 8" x 10", 15 cm x 30 cm, 20 cm x 30 cm, 25 cm x 30 cm

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)

System set-up options:

- Desktop
- Vertical wall mount

Software:

- DICOM 3.0 compliant
- DICOM Query, Send, Receive
- Embedded viewer
- Window/Level
- Histogram Equalization
- Despeckling, Zoom, and Cropping
- DICOM print and CD burner options available



Vertical Wall Mount

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



Transport Case

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

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

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