

ERAY FireCR Spark MEDICAL READERS



Compact & Flexible CR Solution

Introducing the ERAY FireCR Spark Medical Readers from with new features inside and out to meet a full range of imaging needs.

Superior Image Quality

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

Innovative Design

The ERAY FireCR Spark Medical is exceptionally small and light. This compact size allows the lended imaging department or radiology practice. The ERAY FireCR Spark accommodates engineering that makes them remarkably strong and robust.

Unmatched Flexibility

The ERAY FireCR Spark 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.



HIGHLIGHTS

- Fast – up to 125 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 ERAY FireCR Spark Medical Readers

Proven Technology

FireCR Spark Medical Readers use pioneering technology to deliver the image maintenance requirements necessary for high-quality medical imaging. This technology has been proven to provide accurate and reliable results, giving medical professionals the confidence to make important diagnostic decisions.

Optimized Imaging Parameters

FireCR Spark Medical Readers are designed to capture high-quality medical images in seconds without losing any resolution. This feature ensures that medical professionals can quickly and accurately diagnose patients, ultimately leading to better patient outcomes.

Compact & Ultra-Light

FireCR Spark Medical Readers are extremely compact and lightweight, making them easy to transport and store. This feature is especially beneficial for healthcare facilities with limited space or those that need to move equipment between locations.

High Throughput

FireCR Spark Medical Readers are designed to provide high throughput, allowing medical professionals to process a large volume of medical images quickly and efficiently. This feature is essential for busy clinical environments where time is of the essence.

IP-Protecting Cassettes

FireCR Spark Medical Readers feature 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.



ERAY FireCR Spark Medical Reader - 70 PPH



Join the growing number of radiology departments, clinics, and specialty practices around the world that are turning to ERAY 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+ 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 14 cm
- Allows installation in clinics with limited space



Cassettes (Rigid)

ERAY FireCR Spark 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

Why ERAY ?


ERAY is a pioneer in developing quality imaging products for the medical 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.


TECHNICAL SPECIFICATIONS

CASSETTE SIZES	35cm x 43cm, 24cm x 30cm, 18cm x 24cm
SYSTEM SET-UP OPTIONS	Tabletop, Vertical Wall Mount
SELECTABLE PIXEL SIZE	High: 100µm, Standard: 200µm
THROUGHPUT	70 plates/hour (35cm x 43cm)
RESOLUTION	Data Capture: 16 bits per pixel, 65,535 graytones
DIMENSIONS (H X W X D)	5.4"x17.9"x31.6"
WEIGHT	21kg
SOFTWARE	Image File Formats: DICOM3.0, TIFF,BMP,JPEG DICOM Send - Image Viewer - Window Level - Multi-Frequency Image Processing - Zoom, Cropping, Mark - User Defined ULT - DICOM Print - CD/DVD Burning
COMPUTER WORKSTATION RECOMMENDED REQUIREMENTS	Intel Core i5 500GB Hard Disk, 4GB RAM Windows 7 & 8 (32 bit & 64 bit) CD/DVD, 3 USB 2.0 Ports Monitor: 1920x1080, 1440x900, DVI Interface
POWER REQUIREMENTS	110/220/240, 60/50cs - UPS Required
OPERATING CONDITIONS	Temperature: 59-86 Fahrenheit (15-30 Celsius) Temperture Gradient: 0.5 Deg.Celsius/Min Humidity: 15%-95% RH Magnetic Field: Max. 1260 Micro Tesla

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