

FireCR Spark Veterinary Reader



Compact & Flexible CR Solution

The new FireCR Spark Veterinary 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 veterinary imaging applications.

The FireCR Spark Veterinary Reader is 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 veterinary practice or clinic. The FireCR Spark accommodates a range of cassette sizes to meet every imaging need—including a unique veterinary dental cassette. And cassettes feature advanced engineering that makes them remarkably strong and robust.

Optimized Imaging Parameters

With FireCR Spark Veterinary 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 Spark Veterinary Readers are extremely compact and lightweight. Only 21 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 most space-challenged practices. They also can be transported directly to the animal—ideal for the off site imaging needs of large-animal practices.



High Throughput

FireCR Spark Veterinary Readers are designed to provide the high throughput of an ultra-fast single-plate CR system. With scan speeds of up to 125 imaging plates per hour, FireCR Spark Veterinary Readers keep up with even the busiest clinical environments.

IP-Protecting Cassettes

FireCR Spark Veterinary Readers feature cassettes that have been engineered to stand up to the handling challenges in busy veterinary practices and clinics. 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.

Unique “Dental Ready” Veterinary Cassette

A unique veterinary dental cassette now allows practices without a dedicated FireCR Dental Reader to scan dental imaging plates using the FireCR Spark Veterinary Reader. This “dental ready” capability provides a cost-effective dental imaging solution for your practice. As your dental imaging needs grow, simply add a FireCR Dental Reader for increased image quality.



Veterinary Dental Cassette



Features

- 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



Specifications

Grayscale Resolution

- Data Capture: 16-bits per pixel, 65,535 graytones

Plate Throughput

- Vet 70: Up to 70 plates/hour (35cm x 43cm)
- Vet 50: Up to 50 plates/hour (35cm x 43cm)
- Vet 30: Up to 30 plates/hour (35cm x 43cm)

Cassette sizes

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

Dental Imaging Plate Sizes

- 0: (22 x 31 mm), 1: (24 x 40 mm), 2: (31 x 41 mm), 3: (27 x 54 mm), 4c: (48 x 54 mm), 4: (57 x 76 mm)

System set-up options

- Tabletop
- Vertical wall mount

Weight

- 46.3 lbs (21kg)

Dimensions

- 5.4" x 17.9" x 31.6" (137 x 456x 803 mm)

Software

- Image File Formats: DICOM 3.0, TIFF, BMP, JPEG
- Features: DICOM Send, Image Viewer, Window Level, Multi Frequency Image , Processing, Zoom, Cropping, Mark, User defined LUT, DICOM Print, CD/DVD Burning

Computer workstation recommended requirements

- Intel Core i5
- 500 Gigabytes Hard Disk, 4 Gigabyte RAM
- Windows 7 & 8 (32-bit & 64-bit)
- CD/DVD, 3 USB 2.0 ports
- Monitor: 1920x1080, 1440x900, DVI Interface

Power source

- 110/220/240V, 60/50cs. UPS required power supply)

Regulatory approvals

- FDA 510(k), CE (0120), UL, cUL, FCC . Not approved for mammography

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

