

FireCR Dental Reader

- Rapidly view high-quality digital images
- Easy-to-use system increases patient throughput
- Full-featured, affordable veterinary dental solution



The Dental CR Solution for Veterinary Professionals

The full-featured FireCR Dental Reader from 3DISC Imaging rapidly and affordably delivers high-quality dental images for busy veterinary practices and veterinary dental clinics.

Compact & Affordable

The FireCR Dental Reader is compact and affordable, helping to increase patient throughput and improve the productivity of your practice or clinic. With its small footprint, the reader fits seamlessly into even the most space-challenged veterinary offices and exam rooms.

Simple, Streamlined Operation

The FireCR Dental Reader combines an elegant design with a powerful yet easy-to-use system that gets the job done day in and day out.

The FireCR Dental's automated, magnetized feeding tray offers "push and go" functionality, making it simple to operate for busy technicians. The reader is DICOM 3.0 compatible and uses a full range of reusable bitewing and intraoral imaging plates that are easier and faster to position than intraoral digital sensors. Importantly, a true size 4c imaging plate is available, so technicians don't have to use software stitching to combine images from two size 3 plates—a cumbersome and inefficient process. Unlike some systems, there also is no need to purchase and use protective covers for imaging plates—eliminating extra steps and expense.

Unmatched Flexibility to Help Your Practice Grow

In this increasingly competitive environment, show clients that your practice offers the latest in digital imaging technology. Whether you're a busy veterinary practice or a specialty veterinary dental clinic, the next-generation FireCR Dental Reader is the natural



HIGHLIGHTS

- Optimized workflow for your practice
- Utilize existing x-ray equipment & imaging techniques
- Eliminate darkroom & chemicals
- Rapid, high-quality reading of reusable dental imaging plates
- Affordable & compact veterinary dental solution
- Easy-to-use LCD touch screen interface
- Easy-to-position bite-wing & intraoral imaging plates
- Built-in erase function
- Software optimizes acquisition, processing & management
- Supports both Ethernet & USB connections
- Autocalibration ensures stability & consistency
- Market your practice's use of digital technology

choice for practices looking for an affordable solution that delivers high-quality digital images—along with the flexibility that helps them grow.

Unique LCD Color Touch Screen Panel

The FireCR Dental Reader features a unique color LCD touch-screen panel for seamless device operation. With no physical push buttons on the unit and an intuitive user interface, entering operator instructions has never been easier.

The screen provides device activity status and includes a sleep mode. It visually guides users in the operation of the system, with little or no training needed. It also presents a preview of the image, allowing technicians to verify image quality. A settings menu allows technicians to customize scanning resolution (high or standard), auto sleep timing, auto start, and network settings.

Built-in Erase Function

A built-in erase function eliminates the need to purchase an additional device to erase imaging plates prior to reuse, improving efficiency and reducing costs.

FireID RFID Reader

Improving Efficiency for Dental Practices

The unique FireID RFID reader complements 3DISC Imaging's FireCR Dental Reader—enhancing efficiency for dental offices.

The advanced technology of the FireID provides quick and accurate registration of data relevant to each individual patient. By preregistering the unique tag code of the imaging plate on the FireID, key data is automatically matched to the correct patient file, including:

- The scanned image
- Imaging plate size
- The serial number of the imaging plate

The small, compact FireID was designed with ease of use in mind. Simply register each imaging plate before use, pairing it up with a patient, and the correct image will show up in the correct patient file on the correct PC – every time. A great asset for big and medium sized clinics.

For busy dental practices committed to digital imaging, it is critical that image information is always assigned to the correct patient file. The 3DISC FireID is the answer.



Software & Accessories



Easy-to-Use Imaging Software

QuantorDent Vet Imaging Software optimizes image acquisition and management. The easy-to-use software supports efficient veterinary practice workflow and requires little training. To ensure that scans are arranged in their precise locations, the operator simply picks the relevant tooth on the dental chart in the software.



FireID RFID Reader

The small, compact FireID RFID Reader provides quick and accurate registration of data relevant to each individual patient—enhancing efficiency for dental offices.



Hygienic Bags

Hygienic bags, also included with the unit, help protect the imaging plates, as well as animals and staff. The bags are easy to use—loading, sealing, and opening is simple and quick.



Imaging Plates

A set of the most frequently used imaging plates is included with the unit. In addition, a full range of imaging plate sizes is available, including 0, 1, 2, 3, and 4c.

FireCR Offers a Range of Benefits Over Sensors

- Thin, flexible imaging plates with no cables
- Imaging plates available in full range of sizes
- Imaging plates offer 100 percent active area
- Familiar workflow & accessories comparable to film, allowing seamless integration into practice
- Having a central or local CR unit is more efficient than purchasing one sensor and having to move it between exam rooms
- Sensors need to be thoroughly cleaned after each use, taking up valuable time and making the sensor unavailable during cleaning

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 veterinary clinics, hospitals, chiropractors and specialty practices worldwide.

Supported IP Sizes	Size	Standard	High
	0 (22 x 31 mm)	343 x 484 pixels	628 x 885 pixels
	1 (24 x 40 mm)	375 x 625 pixels	685 x 1143 pixels
	2 (31 x 41 mm)	484 x 640 pixels	886 x 1171 pixels
	3 (27 x 54 mm)	421 x 843 pixels	771 x 1542 pixels
	4c (48 x 54 mm)	750 x 843 pixels	1370 x 1542 pixels
Selectable Pixel Size	High: 35µm • Standard: 64µm		
Sampling Pixel Pitch (35µm)	14.3 lp/mm		
Readout time	4.1 ~ 7.2 sec		
Resolution	Data Capture: 16-bits per pixel, 65,000 graytones		
Eraser	Embedded		
Dimensions (H x W x D)	10,4" (H)" x 4,7" (W) x 12.5" (D) / 265 (H) x 120 (W) x 318 (D) mm		
Weight	12,1 lbs (5,5 kg)		
System Configuration	Tabletop		
Interface	USB 2.0 high speed (480 Mbps) / Ethernet (100 Mbps)		
QuantorDent Imaging 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 • Supporting Dental Chart and Dentition		
Computer workstation minimum requirements	Intel Core Duo/Core 2 Processor • Min. 80 Gigabytes Hard Disk, 2 Gigabyte RAM • Windows 7 and 8 (32-bit & 64-bit) NetCard (100 MBit), CD/DVD, 2 USB 2.0 ports • Monitor: 1,280x900 pixels, DVI Interface		
Power requirements	100 ~ 240V / 50 ~ 60Hz, 30W • UPS required		
Regulatory approvals	FDA 510(k) • CE (0120) • UL, cUL, FCC • KFDA		
Safety Standards	ISO13485 • ISO9001 • ISO14971 • 93/42/EEC • EN60601-1		
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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