

FireCR flash

Installation Manual



FireCR Flash

Computed Radiography Reader

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Dear Customer

Thank you for choosing the Digiray FireCR Flash scanner as your new solution.

The advanced CR technology of the FireCR Flash scanner enables you to produce high-quality digital images for diagnosing the patients in your facility. The reader can be used as a central scanner, which distributes images throughout your facility, or as an exam-room based solution.

The scanner is DICOM 3.0 compatible with existing systems and uses a full range of low-cost, reusable bitewings and intraoral imaging plates. The design features a built-in erase function and three different size of cassettes whereof two are included.

Please read and follow the instructions given in this 'Installation Manual' carefully prior to using the FireCR Flash scanner and keep this manual within reach for future reference.

The purpose of this manual is to direct you through the installation process before using the equipment.

Guides on how to use the scanner is described in the 'User Manual' for the product.

Components

Please ensure that the following list of components are present in the box prior to installation.

Item	Qty
FireCR Flash <i>Computed Radiography Scanner</i>	1
<i>FireCR Flash</i> User Manual	1
Power cord	1
USB 2.0 interface cable	1
RJ45 CAT.5E FTP Cable 2m (Cross type)	1
43x35 Cassette including IP	1
24x30 Cassette including IP	1
IP Extractor	1

Recommended Computer Requirements

The following requirements are what we recommend, if your computer have different specifications the system may still work, but some processes may be slower.

Operating system	Microsoft Windows 7 or Windows 8 (32 bit or 64 bit version)
CPU	Dual core 1.5GHz or better with at least 2MB L2 cache
RAM	4GB or more
Free HDD space	300GB or more
Network adaptor	100Mbps Ethernet or faster
USB connection	Version 2.0 High speed

Installation

Software installation

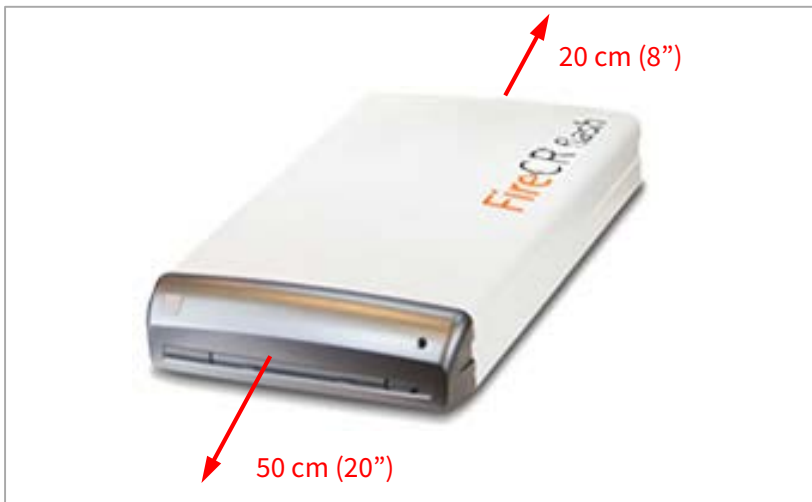
Before connecting the **FireCR Flash** reader, please ensure that the imaging software is installed on your computer, connecting the reader prior to the software installation may cause the USB hub to allocate a wrong driver making the installation more difficult. –if this happens, remove the wrong driver manually and connect the reader after the software is installed.

If another image acquisition software than Quantor is used, install only the HASP drivers.

Positioning

Tabletop installation

The reader must be positioned on a rigid, flat surface with at least 50 cm (20") of free space to the rear and 20 cm (8") of free space on the front to allow access for imaging plate insertion as illustrated below and adjust the feet underneath to ensure stability.



Wall mount installation

The wall mount must be fastened to a rigid, solid surface that has a carrying capacity over 25kg (55lbs) with at least 4 screws, and the lowest end of the wall mount bracket at least 77 cm (30 5/16") from the floor.

Ensure that there is at least 50 cm (20") of free space above the scanner.



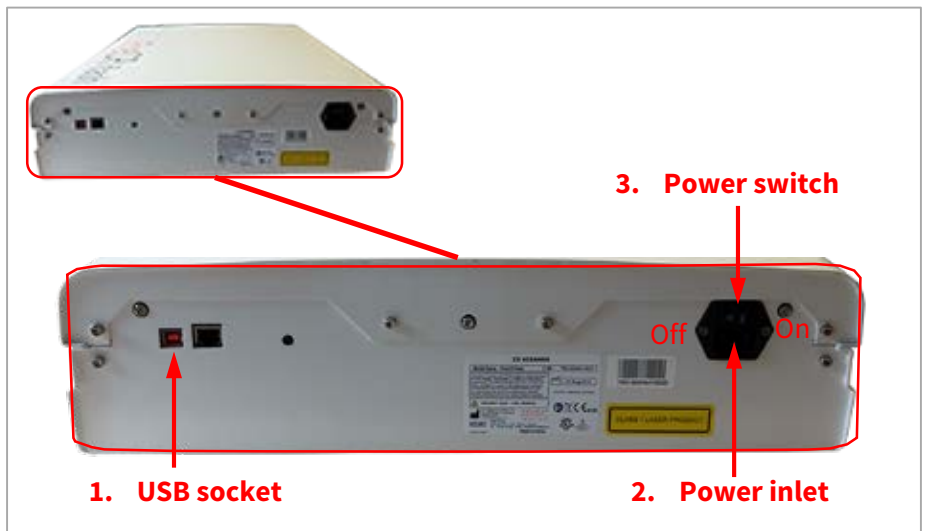
Connections

Connecting the scanner with USB cable

Insert the USB cable into the socket on the back of the scanner (1), insert the other end into an available USB port in the computer.

Insert the power cable into the power inlet (2), insert the other end into a power outlet and switch this on.

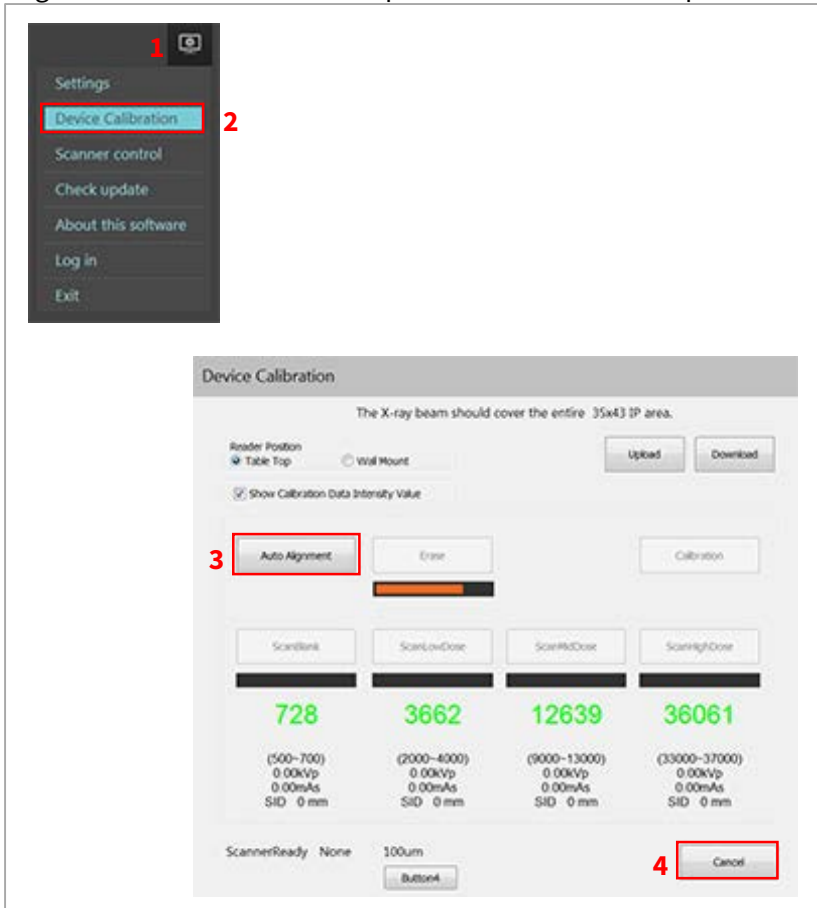
Switch the scanner on (3) and allow the computer to setup drivers as needed.



The first time the scanner is connected to your software it synchronize calibration data which may take a few minutes, once this is finished you will be ready to scan images.

For wall mounted units, select wall mount in the IP calibration menu under settings.

Go to the Device Calibration menu under options and select auto alignment to allow the laser to position itself after transport.



Close the calibration window using the cancel button, and the system is now ready for use.



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