Ophthalmic Software Platform **RX**

come and see

The new software platform for
Canon retinal cameras and OCT.

Designed for seamless integration
and connectivity with patient
management systems

Canon

Ophthalmic Software Platform **RX**
4 different modules

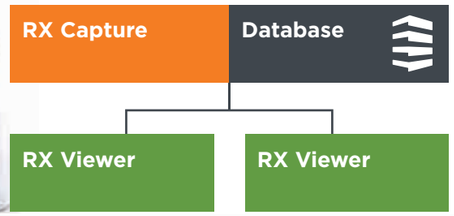
Ophthalmic Software Platform **RX Capture for OCT-HS100**	Capture and viewing for OCT-HS100	Ophthalmic Software Platform **RX Server**	Server when multiple systems or viewers are used
Ophthalmic Software Platform **RX Capture for Retinal Camera**	Capture and viewing for Retinal Cameras	Ophthalmic Software Platform **RX Viewer**	Viewing studies over the network

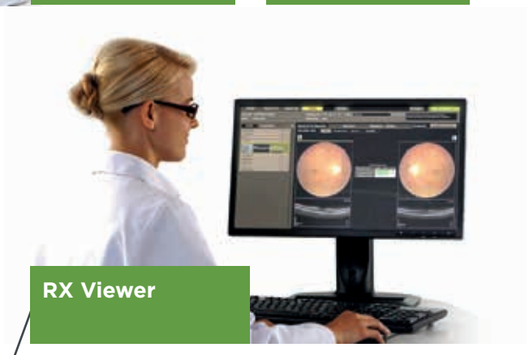
Configurations

Stand-alone

Capturing viewing and archiving- all in one system.

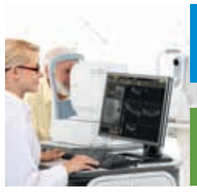
RX viewers can be connected over the network, 2 viewers can access the database at the same time.

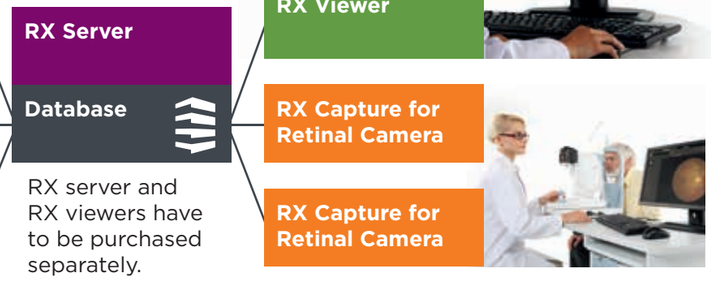




Network configuration

Multiple systems can be connected to the RX Server with an indefinite number of RX Viewers. Maximum 10 viewers can have access to the RX Server at the same time.





RX server and RX viewers have to be purchased separately.

Synergy in Retinal imaging:

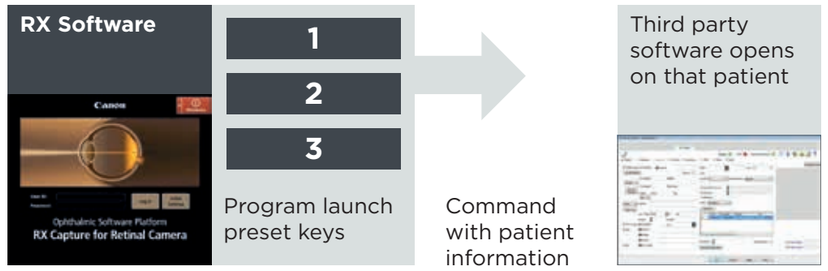
The OCT-HS100 and a Canon retinal camera can be run from one PC, sharing the same database. Combining the clinical information will enhance the diagnosis.

Designed to tailor for the various needs for integration and connectivity

Command line interface in order for our application to work seamlessly with Electronic Medical Record Systems

Third party software can start the Canon RX software

Canon RX software can start third party software



Patient data input

Extensive possibilities for seamless integration:

- Input data manually
- Import a list from the practice management system (CSV file)
- Use a Modality Worklist (in a DICOM environment)

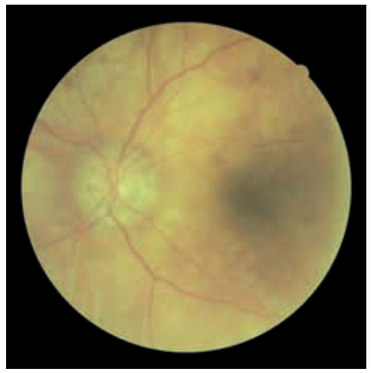
Ophthalmic Software Platform **RX**
Main Features

CANON OPACITY SUPPRESSION*

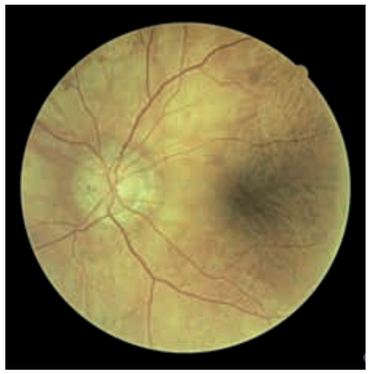
When obtaining retinal images, ocular opacities will cause several problems. With CANON OPACITY SUPPRESSION (COS) the effect of ocular opacities will be largely suppressed.

Previously unsuitable images could now provide you with essential clinical information!

** Currently available for Canon CR-2, CR-2 AF, CR-2 Plus and CR-2 Plus AF.*

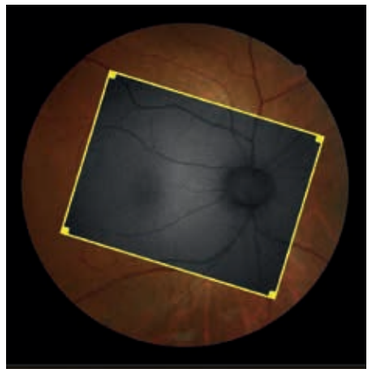


Without Canon Opacity Suppression



With Canon Opacity Suppression

Overlay

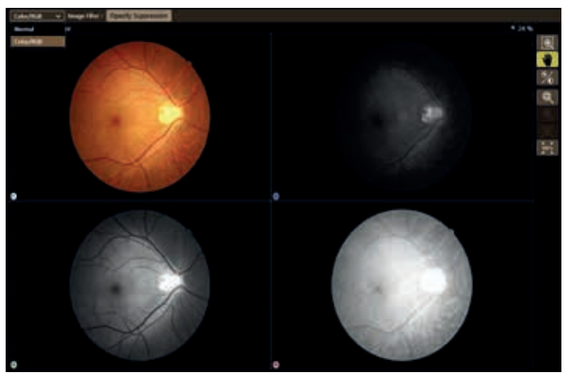


Overlay 2 images to see differences and changes in pathology

Loupe function

The image can be magnified at a user selected ratio and location.

RGB Channel view



Colour images can be separated into Red, Green and Blue channels for additional diagnostic information.

Mosaic function (optional)

Combines up to 20 images

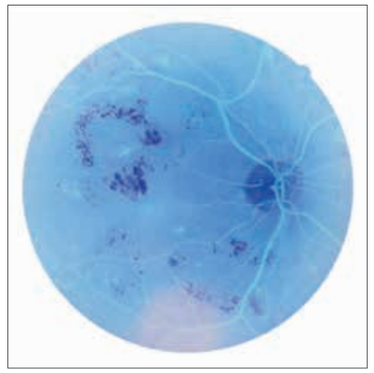
Extensive software tools

Emboss positive

Emboss negative

Embosses an image:
positive
(the optic disc stands out)
or negative
(the bloodvessels stand out)

Inversion



Inverts the color of an image to aid diagnosis.

Digital Cobalt and Red Free*

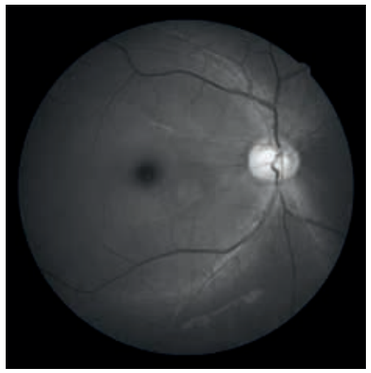
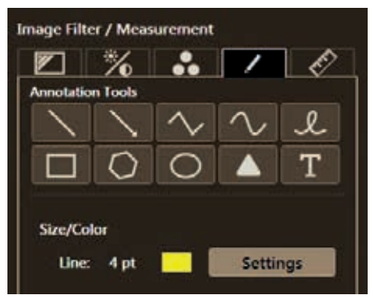


Image based on the EOS technology and proprietary image processing

** Currently available for Canon CR-2, CR-2 AF, CR-2 Plus and CR-2 Plus AF .*

Adjustments and annotations



Extensive Annotations and cup/disc measurement

Rotate or flip an image horizontally or vertically.

Ophthalmic Software Platform **RX**
Extensive Reporting

Single Eye

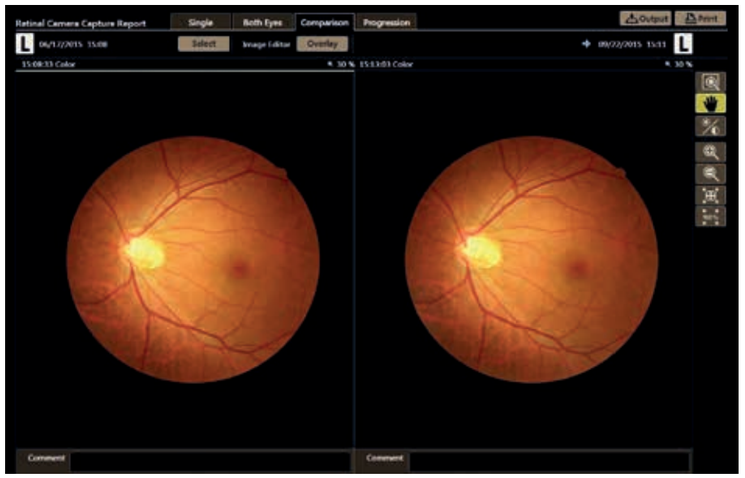
Report screen showing information of one eye

Both Eyes

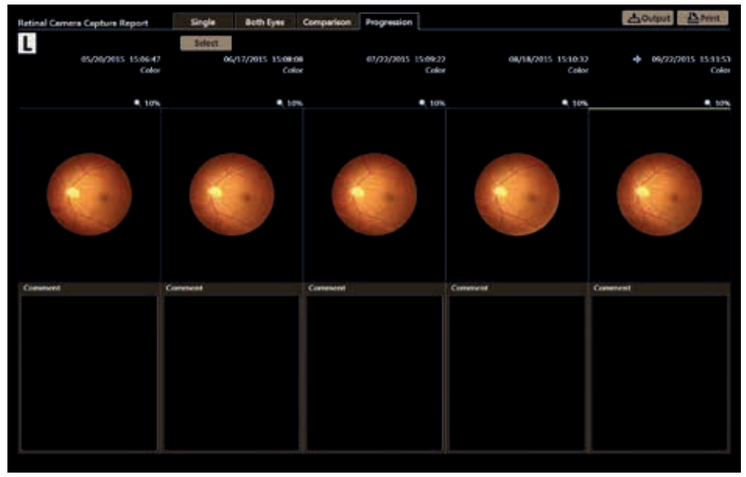
Compare left and right eye

Comparison

Compare with past examinations

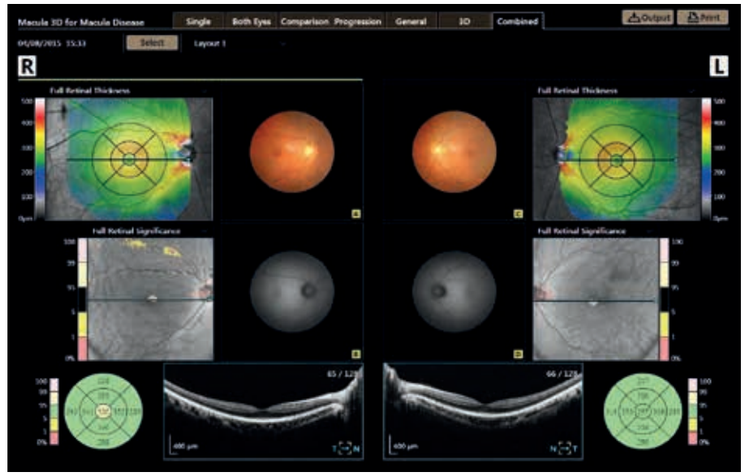


Ophthalmic Software Platform **RX**
Extensive Reporting



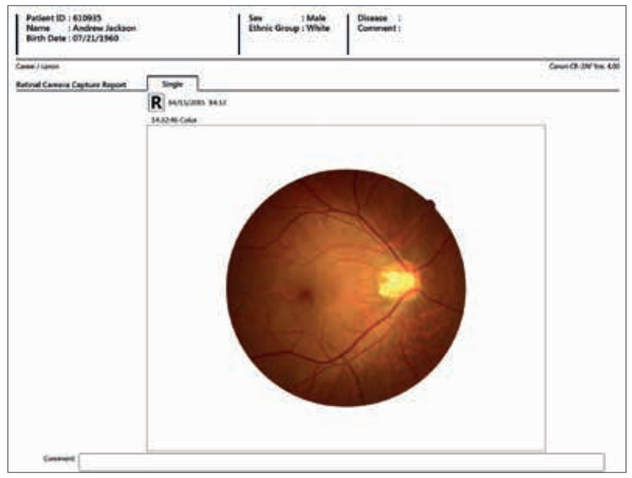
Progression

Observe progression, select up to 5 past examinations



Combined

Various combined reports with OCT data; for glaucoma and macula disease



Extensive Output possibilities

PDF reports
Extensive possibilities to create desired layout and contents

JPEG, BMP
Easy format to exchange images or give to patient.

Printed reports
Extensive possibilities with different layouts and contents

DICOM
The universal image format as used in the medical world

Ophthalmic Software Platform **RX**

Designed to work with the following Canon retinal cameras and OCT:

- Intuitive interface
- Smart and attractive design
- Network-ready for easy integration
- Command line interface
- Full DICOM

Upgrade path
Cameras that are currently working with the previous Canon software (RICS) can be upgraded to the new RX platform. Existing databases can be imported.

CX-1

CF-1

CR-2 Plus AF

CR-2 Plus

CR-2 AF

CR-2

CR-1/ MkII

OCT-HS100

Software Operating Environment

Specifications

CPU	Core i3 2.4GHz or higher (2 or more cores)
RAM	4 GB or more
GPU	NVIDIA video card supporting DirectX 11 (Quadro 4000 or other graphics cards with higher performance)
Display	Screen resolution: 1920 x 1080 pixels Screen colors: 24 bits or more
Hard disk	500 GB or more: RAID-1 (mirroring); for a local server (when not introducing the RX Server yet) 100 GB or more: For a remote server (when introducing the RX Server)
Interface	USB 2.0
Network	1000BASE-T or more
OS	Microsoft Windows 7 Professional (x64) SP1
Application software	Microsoft .NET Framework Version 4.5.1 Microsoft DirectX 11 End-User Runtimes SQL Server 2008 R2 Express Edition SP2 (x64) US version
Mouse	Wheel mouse

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