

The Compact CR-2 Performs Patient-Friendly Retinal Diagnostic Exams with a Simple Ergonomic Design.

The Canon CR-2 Digital Non-Mydriatic Retinal Camera takes up minimal office space and, for added convenience, can be easily transported when needed. Contributing to a lower total-cost-of-ownership, the CR-2 can help reduce energy costs in medical facilities with its energy-efficient design.



The CR-2 is shown with the external eye fixation lamp (sold separately). Computer monitor and keyboard are not included.

CR-2 Specifications

GENERAL	
Type	Digital Retinal Camera, Non-Mydriatic Color, Digital
Photography	Red-Free, Digital Cobalt
Angle of View	45°
Magnification	2X Digital
Minimal Pupil Size	4.0 mm (3.3 mm SP mode)
Working Distance	35 mm
Focus Adjustment Range	Without Compensation Lens: -10 to +15D With “-“ Compensation Lens: -31 to -7D With “+” Compensation Lens: +11 to +33D Split-line Aligning Type Focusing
Flash Intensity	Linked to the Photography mode. Can be set Manually
Light Source	Observation Light Source: Infrared LED Flash Light Source: White LED
Auto Function	Automatic Exposure
Sensor Resolution	15.1 Megapixels or higher
Camera	Dedicated EOS Camera for CR-2 (Bundled)
Built- Monitor	3.0 inch Color LCD Monitor
Eye Fixation Lamp	Internal Eye Fixation Lamp, LED DOT Matrix, Green External Eye Fixation Lamp (Sold Separately)
Mount Movement	Front to Back 70 mm Side to Side 100 mm Up and Down 30 mm
Chin Rest Movement	60 mm

ELECTRICAL AND ENVIRONMENTAL	
Power Supply	AC 100-240V, 50/60Hz, 1 to 0.4A
Operating Environment	Temperature: 50° to 86° Fahrenheit (10° to 35° Celsius) Humidity: 30% to 90% (No Condensation) Atmospheric Pressure: 800 to 1060 hPa

PHYSICAL CHARACTERISTICS	
Dimensions (W x D x H)	12 x 19.7 x 18.6 inches (305 x 500 x 473 mm)
Weight	Approximately 33 lbs

Specifications are subject to change without notice.

COMPONENTS
Main Unit Digital Camera
Objective Lens Cap Camera
Mount Cap Chin Rest Paper (100 sheets) Power Cable
Dust Cover CD-ROM (Retinal Imaging)
Control Software (NM)

OPTIONAL ACCESSORIES
External Eye Fixation Lamp EL-1
Chin Rest Paper (500 sheets)

Canon

CR-2
Digital Retinal Camera



The Power of Light!

Canon

EB-017 Rev. C

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CANON MEDICAL SYSTEMS
A Division of Canon U.S.A., Inc.
15955 Alton Parkway
Irvine, CA 92618-3731, U.S.A.
Telephone: (U.S.A only): 800-970-7227, 949-753-4000
Fax: 949-753-4164
Email: ecsales@usa.canon.com
Website: www.usa.canon.com/cr-2

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VISION INSTRUMENTS

The CR-2 Digital Non-Mydriatic Retinal Camera can save space required for setup with its lightweight, compact design without compromising any of the Canon technology such as low flash intensity, dedicated EOS camera, automatic exposure, and an ergonomic control panel.



Key Features

Compact and Lightweight

Weighing approximately 33 pounds, the small design saves on setup space and assists with portability when needed. A small Canon table can hold the CR-2 and a computer to help expedite the exam process.

Pupil Size

The small pupil mode has a 3.3 mm diameter that contributes to efficient screening and assists when a patient's pupil is difficult to dilate.

White LED Flash Light

The white LED flash light saves on operating costs, power consumption and lessens maintenance frequency compared to xenon tubes.

Auto Exposure

The observation light automatically optimizes the light brightness and flash intensity.

Control Panel

The ergonomic control panel includes an Omni-directional joystick with a fine focus wheel and can be easily used by a trained examiner. The panel also illuminates if operating in a darkly lit room.



Dedicated EOS Camera Technology


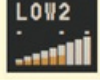
Canon's own EOS camera technology, with its renowned image processing capabilities, is adapted exclusively for medical use in the CR-2 to provide outstanding retinal imaging in a compact and convenient system.



Low Flash Intensity

Patient comfort is improved with the reduced flash levels:

Selectable flash mode

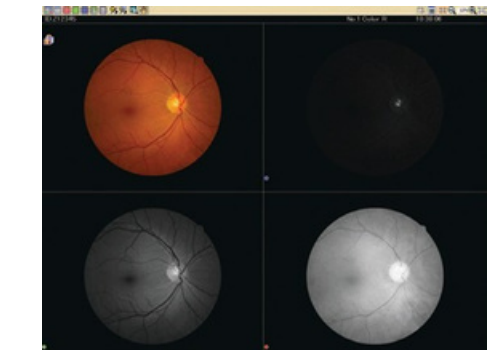
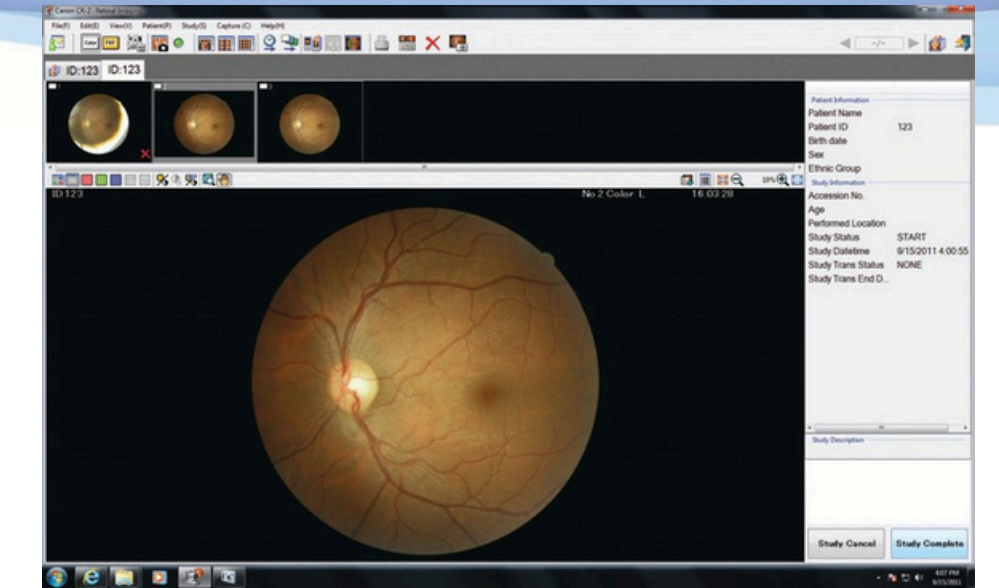
Standard mode		ISO 1600
Low flash mode 1		ISO 3200
Low flash mode 2		ISO 6400

2X Digital Magnification

Close-ups can be viewed using "2x" mode which magnifies the retina. It automatically crops out the periphery of the image so that the region of interest is larger in the frame.

Retinal Imaging Control Software

The bundled control software allows images to be browsed, operated, processed, stored and sent to the DICOM storage server. Images may also be exported to DICOM® or JPEG format files and output to a printer. Features include: Color, Digital Red-Free, Digital Cobalt, RGB, Stereo and Cup -to -Disc.



RGB



COLOR



DIGITAL RED-FREE



DIGITAL COBALT

Simulated Images