

Mobile Retinal Imaging Solution



Simulated Images

The CR-2 camera is shown with optional accessories.

The mobile retinal imaging solution is like having onsite Teleretinal Screenings in a box! Designed exclusively for the CR-2 Non-Mydriatic Retinal Camera, the custom, hardshell travel case is equipped with top and side carry handles and wheels making the CR-2 Retinal Camera easy to carry to and from locations where stationary retinal imaging equipment is unavailable.

Features:

- Onsite Teleretinal Diabetic Retinopathy Screening
- Easily Transportable
- Minimal Space Configurations and Storage Required
- Hardshell Case
(Dimensions (LxWxH) 28 x 28 x 17 inches)
- Custom Travel Case Accommodates: (each sold separately)
 - CR-2 Non-Mydriatic Retinal Camera with dedicated camera for CR-2
 - Laptop
(Max. Dimensions (HxWxD) 1.47 x 16.4 x 10.7 inches)
 - External fixation lamp
 - Mouse
 - Power cord
 - USB cable

CR-2 Digital Retinal Camera Specifications*

Type	Digital retinal camera, non-mydratic	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)
Type of photography	Color, Digital Red-Free, Digital Cobalt	
Angle of view	45 degrees	
Magnification	2X	
Minimal pupil size	4 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 exposure	Available	OPTIONAL ACCESSORIES** External eye fixation lamp EL-1 Chin rest paper (500 sheets) Wheelchair accessible table Hard shell travel case Laptop
Sensor resolution	15.1 megapixels (resolution may vary with other models)	
Camera	Dedicated Camera for CR-2	
Built-in 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 amount	Stage unit: 100 mm (side to side), 70 mm (front and back) Main unit: 32 mm (vertical)	
Chin rest movement amount	60 mm	
Power supply	AC100V to 240V, 50/60Hz, 1 to 0.4A	
Operating Environment	Temperature: 10 degrees to 35 degrees Celsius Humidity: 30% to 90% (no condensation) Atmospheric pressure: 800 hPa to 1060hPa	
Dimensions (WxDxH)	12 inches x 19.7 inches x 18.6 inches (305 mm x 500 mm x 473 mm)	
Weight	Approximately 33 pounds	



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*The CR-2 Digital Retinal Camera is sold separately from the travel case.

**Stools are not part of the CR-2 Digital Retinal Camera.

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