

CR-2 AF/CR-2 Plus AF

Non-Mydriatic Retinal Cameras



The CR-2 PLUS AF camera is shown with optional accessories.

Mobile Teleretinal Solution

Canon non-mydriatic, high-resolution retinal camera systems can be made transportable to conduct mobile, teleretinal, non-dilated eye screenings to support telehealth wellness programs at off-site, remote locations. The camera system, including laptop computer and image management software, can be transported using a customized rolling travel case equipped with top and side carry handles and wheels. Canon imageSPECTRUM image management software is a scalable platform that can provide fully automated, DICOM-compliant functionality to streamline network communication with EHR/EMR or PACS data storage systems.

Features:

- Canon retinal cameras include auto functionality with auto-focus/capture/exposure
- Canon EOS-dedicated, high-resolution digital camera (24 megapixel or higher)
- Small Pupil Retinal Camera Mode facilitates imaging pupil sizes down to 3.3 mm
- Canon imageSPECTRUM software includes Red-Free and Opacity Suppression digital filters
- Custom Hard-shell Travel Case is designed to transport Canon retinal non-myd camera and laptop

Canon Teleretinal Solution Suggested Components:

- Canon CR-2 AF/CR-2 Plus AF Non-Mydriatic Retinal Camera with dedicated EOS camera
- Laptop with Laptop Arm and Tray
- Hard-shell Travel Case
- Motorized Instrument Table
- Operator and Patient Stools

Mobile Teleretinal Solution

Digital Non-Mydriatic Retinal Camera

Specifications			
General			
Type	Digital Retinal Camera, Non-Mydriatic		
Type of Photography	CR-2 AF: Anterior, Stereo, Color, Digital Red-free, Digital Cobalt	CR-2 PLUS AF: Anterior, Stereo, Color, Digital Red-free, Digital Cobalt, Fundus AutoFluorescence (FAF)	
Angle of View	45° (35° SP Mode)		
Magnification	2x Digital		
Minimal Pupil Size	4.0 mm (3.3 mm SP mode)		
Focus Adjustment Type	Split-Line Adjustment		
Patient Diopter Compensation Range	Without Compensation Lens: -10 D to +15 D	With "-" Compensation Lens: -31 D to -7 D With "+" Compensation Lens: +11 D to +33 D	
Light Source	Observation: Infrared LED		
Type of Photography	CR-2 AF: White LED	CR-2 PLUS AF: Xenon Tube	
Canthus Mark	420 mm from base		
Internal Eye Fixation	LED Dot Matrix; Movable Fixation		
External Eye Fixation	White LED (Sold Separately)		
Working Distance	35 mm		
Working Distance Adjustment	Fundus Observation: Working Distance Dots		
Sensor Resolution	CR-2 AF: 32.5 megapixels or more	CR-2 PLUS AF: 32.5 megapixels or more	
Camera	CR-2 AF: Dedicated EOS Camera for CR-2 AF (Bundled)	CR-2 PLUS AF: Dedicated EOS Camera for CR-2 PLUS AF (Bundled)	
Monitor	3.0-inch Color LCD Monitor External Monitor (optional)		
Auto Function	Selectable Auto Focus, Auto Capture, Auto Exposure		
Mount Movement	Front and Back: 70 mm	Side to Side: 100 mm	Up and Down: 32 mm
Chin Rest Movement	62 mm		
Electrical and Environmental			
PC Interface	USB 1.1, USB 2.0		
Power Supply	AC 100-240 V, 50/60 Hz		
Operating Environment	Temperature: 50° to 86° Fahrenheit (10° to 35° Celsius)	Humidity: 30% to 90% RH (No Condensation) Atmospheric Pressure: 700 to 1060 hPa	
Physical Characteristics			
Dimensions (H x W x D)	CR-2 AF: 18.6" x 12" x 19.7" (473 mm x 305 mm x 500 mm)	CR-2 PLUS AF: 20.2" x 12" x 19.7" (513 mm x 305 mm x 500 mm)	
Weight	CR-2 AF: 33 lb. (15 kg)	CR-2 PLUS AF: 43.9 lb. (19.9 kg)	
Optional Accessories			
AutoMosaic Function, External Fixation Target, Motorized Table, Auxiliary Monitor			

To schedule a demo or for additional information, call 1-833-521-3937 or visit our website.

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