

Eonis 22" (MDRC-2222 Option TS)

22" clinical touchscreen



- 22" display for reviewing clinical images
- With front sensor for consistent images
- With remote QA management tools

Eonis® is a 22" clinical display ideal for patient monitoring and viewing of modality images, EMR, etc. It combines consistent, high image quality and an attractive, versatile design with networked quality assurance. Its touchscreen - featuring PCAP multi-touch 10 points technology - makes it ideal for viewing and controlling modality images, EMR, patient data, ...

High image quality

Eonis presents sharp, bright images. The display's unique front consistency sensor automatically aligns the image quality every time the display is switched on. The image consistency makes collaboration between specialists easier. They can discuss images with colleagues at multiple locations, knowing that everyone is seeing identical images.

Centralized quality assurance

Eonis displays come with Barco's cloud-based MediCal QAWeb software, an online service for automated calibration, Quality Assurance and asset management. Praised in hospitals around the world, MediCal QAWeb allows healthcare IT and PACS administrators to centrally and remotely manage image quality across the healthcare organization, at the click of a button.

Smart design, fit for purpose

Barco's Eonis display features multiple mounting options and connections. The user-friendly height, tilt and pivot adjustments of the base allow the monitor to be positioned for maximum comfort to help ease the physical strains of a long work day.

PRODUCT SPECIFICATIONS**EONIS 22" (MDRC-2222 OPTION TS)**

Screen technology	LCD
Active screen size (diagonal)	546 mm (21.5")
Active screen size (H x V)	476 x 268 mm (18.7 x 10.5")
Aspect ratio (H:V)	16:9
Resolution	2MP (1920 x 1080 pixels)
Pixel pitch	0.248 mm
Color imaging	Yes
Gray imaging	Yes
Bit depth	30 bit
Viewing angle (H, V)	178°
Ambient light presets	Yes, reading room selection
Front sensor	Yes, Front Consistency Sensor
Maximum luminance (panel typical)	300 cd/m ²
DICOM calibrated luminance	180 cd/m ²
Contrast ratio (panel typical)	1000:1
Response time ((Tr + Tf)/2) (typical)	7.5 ms
Housing color	RAL 9004
Video input signals	1x DVI-I 1x DisplayPort
USB ports	1x USB 2.0 upstream (endpoint) 2x USB 2.0 downstream
Power rating	100-240 Vac, 50-60 Hz, 0.6-0.4 A
Power consumption	20 W (nominal) < 0.5 W (hibernate) < 0.5 W (standby)
Dimensions with stand (W x H x D)	Portrait: 337 x 525~602 x 201 mm Landscape: 514 x 388~498 x 201 mm
Dimensions w/o stand (W x H x D)	Portrait: 315 x 514 x 67 mm Landscape: 514 x 315 x 67 mm
Dimensions packaged (W x H x D)	700 x 240 x 460 mm
Net weight with stand	6.5 kg
Net weight w/o stand	4.2 kg
Net weight packaged	7.9 kg (without optional accessories)
Tilt	-5° to +22°
Pivot	90°
Height adjustment range	110 mm
Mounting standard	VESA (100 mm)
Screen protection	N/A
Recommended modalities	All digital images, except digital mammography

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Certifications	CE (MDD 93/42/EEC; A1:2007/47/EC class I device) CE 2014/30/EU RoHS EN 60601-1-2 (2015) IEC 60950-1:2005 + A1:2009 + A2:2003 (2nd Edition) IEC 60601-1:2005 + C1:2006 + C2:2007 + A1:2012 ANSI/AAMI ES60601-1:A1:2012 + C1:2009/(R)2012 + A2:2010/(R)2012 CAN/CSA C22.2 No. 60601-1:2014 DEMKO EN 60601-1:2006 + A12:2014 + A1:2013 KC FCC class B ICES001 Level B FDA class I device
Supplied accessories	User guide System disc DisplayPort cable USB cable AC mains cable (depending on the region)
QA software	MediCal QAWeb
Warranty	3 years
Operating temperature	0 °C to 40 °C
Storage temperature	-20 °C to 60 °C
Operating humidity	8% to 85% (non-condensing)
Storage humidity	5% to 95% (non-condensing)
Operating pressure	70 kPa
Storage pressure	50 to 106 kPa

Last updated: 18 Oct 2018

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.