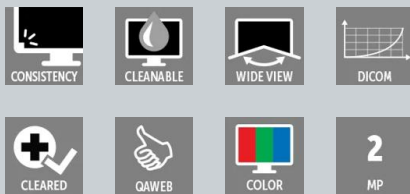# Eonis 22" (MDRC-2222 Option WP)

22" display for reviewing clinical images

- **With front sensor for consistent images**

- **With remote QA management tools**

- **Fully cleanable**

Eonis 22" is a clinical review display built with healthcare specialists in mind. It combines consistent image quality and an attractive, versatile design with networked quality assurance. This white version features a front glass panel, making it exceptionally cleanable, even with 70% alcohol cleaning agents.

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 QAWeb Enterprise software, an online service for automated calibration, Quality Assurance and asset management. Praised in hospitals around the world, QAWeb Enterprise 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.

Please consult your Barco representative or distributor in your country or territory to confirm availability. A reference to any product or service on this site does not imply that such product is or will be available in your location.

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Product specifications — EONIS 22" (MDRC-2222 OPTION WP)

General specifications

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/m²
DICOM calibrated luminance	180 cd/m²
Contrast ratio (panel typical)	1000:1
Response time ((Tr + Tf)/2) (typical)	7.5 ms
Housing color	RAL 9003
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, 0.5-0.27 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	6.4 kg
Net weight w/o stand	4.1 kg
Net weight packaged	7.8 kg (without optional accessories)
Tilt	-5° to +22°
Pivot	90°
Height adjustment range	110 mm
Mounting standard	VESA (100 mm)
Screen protection	Protective, anti-glare glass cover
Recommended modalities	All digital images, except digital mammography
Certifications	FDA Class I, 510(k) exempt CE (Medical Device Class I) CCC (China), Inmetro (Brazil), KC (Korea), BIS (India) Safety specific: IEC 60950-1:2005 + A1:2009 + A2:2013 EN 60950-1:2006 + A1:2010 + A11:2009 + A12:2011 + A2:2013 IEC 60601-1:2005 + CORR. 1:2006 + CORR. 2:2007 + AM1:12 EN 60601-1:2006 + A1:2013 + A12:2014 ANSI/AAMI ES 60601-1:2005 + R1:2012 CAN/CSA C22.2 No. 60601-1:2014 EMI specific: IEC 60601-1-2: 2014 (ed4) EN 60601-1-2:2015 (ed4) FCC part 15 Class B ICES-003 Level B VCCI Environmental: China Energy Label, EU RoHS, China RoHS, REACH, Canada Health, WEEE, Packaging Directive
Supplied accessories	1x DisplayPort video cable 1x USB cable 1x printed User Guide (in English, other languages can be found on the documentation disc) 1x documentation disc 1x system sheet Mains cables
QA software	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

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