

Eonis 22" (MDRC-2222 Option WP) Dental

White 22" dental display with cleanable design



- 22" display for reviewing dental images
- With front sensor for consistent images
- With remote QA management tools
- Cleanable design

Fully cleanable and safe

Barco's Eonis display has a protective front glass panel which you can clean with commonly used cleaning agents. The toughened glass ensures that the display is safe to use in a clinical environment.

Attractive, versatile and multi-purpose

Stylishly white with rounded corners, this display will perfectly blend into every dental practice. The multiple mounting options further add to the smart design: it can be used with a VESA stand, on the dentist's desk, or mounted on a rotatable arm. Multiple connections are available, including extra inputs to show video content.

Consistent image quality

Eonis provides crisp, high-contrast images for fast and effective viewing of dental images. To guarantee image consistency at all times, it features a unique front sensor that automatically aligns image quality every time the display is turned on. Barco's online MediCal QAWeb service further strengthens image consistency and allows you to easily personalize your image.

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

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 9016
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	6.4 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

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

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: 22 Oct 2018

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