Eonis 22" (MDRC-2122 WP)

22" clinical display designed for infection control

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

Fully cleanable design

Barco's Eonis features toughened glass and covered cables, making the display safe to use in a clinical environment. In places where infection control is a major concern, the white version is the best choice. The display has a protective front glass panel and is rated IP-32 front and back, making it exceptionally cleanable to prevent contamination. The multiple mounting options and connections further add to the smart design so typical of the Eonis display.

Consistent image quality

Barco's Eonis display has a unique front consistency sensor to automatically align 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, with absolute confidence that everyone is seeing identical images.

BARCO

Visibly yours

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Centralized quality assurance

Eonis comes complete with Barco's cloud-based MediCal QAWeb software, Barco's 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. This helps them save precious time.

Product specifications	Eonis 22" (MDRC-2122 WP)
Screen technology	TFT Color LCD IPS
Active screen size (diagonal)	21.5" (542mm)(diagonal) 10.52" x 18.71" (267,3 mm x 475,2 mm)(HxV)
Backlight	LED
Aspect ratio	16:9
Resolution	2MP (1920 x 1080)
Pixel pitch	0.2475
Color imaging	Yes
Gray imaging	Yes
Color support	10 bit; 16,7 million colors
Viewing angle	178° (IPS)
Ambient Light Compensation (ALC)	Yes, preset values in OSD
Front sensor	Yes
Maximum luminance	250 cd/m² typical
DICOM calibrated luminance	180 cd/m²
Contrast ratio	1000:1 typical
Response time (Tr + Tf)	14 ms
Housing color	White + Silver
Video input signals	VGA, DisplayPort, HDMI
USB ports	1 upstream, 2 downstream
USB standard	2.0
Power requirements (nominal)	100-240 V
Power consumption (nominal)	40 W (
Power save mode	Yes
Power management	DPMS
Dot clock	165 MHz
OSD languages	English, French, German, Spanish, Italian, Dutch, Japanese, Traditional Chinese, Simplified Chinese, Korean
Dimensions with stand (W x H x D)	507 x 377–457x 166 mm
Dimensions w/o stand (W x H x D)	507 x 306 x 57 mm
Dimensions packaged (W x H x D)	610 x 505 x 230 mm
Net weight with stand	6.7 kg
Net weight w/o stand	4.3 kg
Net weight packaged with stand	10.1 kg
Height adjustment range	80 mm
Tilt	0° / +20°
Swivel	-30° / +30°
Pivot	N/A
Mounting standard	VESA (75 mm)
Screen protection	Protective, non-reflective glass cover
IP rating	IP32
Certifications	CE (MDD 93/42/EEC class I product), CE-2004/108/EC, 2014/30/EU (Directive 2004/108/EC is repealed with effect from 20 April 2016), IEC 60950-1:2005 + A1:2009 (2ND EDITION), IEC 60601-1 2ND ED:1988 + A1:1991 + A2:1995, UL 60601-1 1ST EDITION, CAN/CSA-C22.2 NO. 601.1-M90:2005, IEC 60601-1:2005 + A1:2012, ANSI/AAMI ES 60601-1:2005 + C1:2009 + A1:2012, CAN/CSAC22.2 No. 60601-1-08:2008, DEMKO - EN 60601- 1:2006, EN 60601-1-2:2007, EN 60601-1:2006+A11:2011, CCC - GB9254-2008 + GB4943-2001 + GB17625.1-2003, KC, VCCI, FCC class B, ICES-001 Level B, FDA Class I device, RoHS

Product specifications	Eonis 22" (MDRC-2122 WP)
Supplied accessories	User Guide Cable routing strap Video cables (1 x VGA + 1 x HDMI) Main cables (UK, European (CEBEC/KEMA) or USA (UL/ CSA; adaptor plug NEMA 5-15P) or Chinese (CCC)) USB 2.0 cable External power supply (model: BridgePower Corp. BPM060S12F15; Input: 100-240 V AC, 50-60 Hz, 1.5 A; Output: +12V DC, 5.0 A)
QA software	QAWeb Enterprise & QAWeb Private Practice
Warranty	3 years

Last updated: 19 Feb 2016
Technical specifications are subject to change without prior notice.
Please check www.barco.com for the latest information.