Eonis 24" (MDRC-2224, Option WP)

24" clinical display designed for infection control





This 24" Eonis® display has been built with healthcare specialists in mind. It combines consistent image quality and an attractive, versatile design with networked quality assurance. The white version display features a front glass panel and is fully 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.

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, knowing that everyone is seeing identical images.

Centralized quality assurance

The Eonis display comes complete 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.

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Product specifications	Eonis 24" (MDRC-2224, Option WP)
Screen technology	TFT Color LCD IPS
Active screen size (diagonal)	611.3 mm (24.1″) 518.4 mm x 324.0 mm (20.41″ x 12.76″) (HxV)
Backlight	LED
Aspect ratio	16:10
Resolution	2MP (1920 x 1200)
Pixel pitch	0.270 mm x 0.270 mm
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	300 cd/m² typical
DICOM calibrated luminance	180 cd/m²
Contrast ratio	1000:1 typical
Response time (Tr + Tf)	14 ms typical
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 (less than 1.0 W in stand-by)
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)	560.4 x 533 x 166.35 mm
Dimensions w/o stand (W x H x D)	560.4 x 366 x 61.72 mm
Dimensions packaged (W x H x D)	481 x 273 x 761 mm
Net weight with stand	9.7 kg
Net weight w/o stand	6.37 kg
Net weight packaged with stand	13.7 kg
Height adjustment range	100 mm +/- 5.0 mm
Tilt	-5° / +20°
Swivel	-45° / +45°
Pivot	90°
Mounting standard	VESA (100 mm)
Screen protection	Protective, non-reflective glass cover
Certifications	CE (MDD 93/42/EEC class I product), CE-2014/30/EU, IEC 60601-1 (ED.3), IEC 60601-1 (ED.3);am1, ANSI/AAMI ES60601-1 (2005 + C1:09 + A2:10 + A1:12), CAN/CSA-C22.2 No. 60601-1 (2014), EN 60601-1-2:2007, EN 60601-1:2006/A11:2011/A1:2013/A12:2014, KC, VCCI, FCC class B, ICES-001 Level B, FDA Class I device, RoHS, BSMI

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Supplied accessories	User Guide Cable routing strap Video cables (1 x DP, 1 x HDMI) Main cables (depending on the region of operation) USB 2.0 cable This adapter(s) is a forming part of the medical device.(Manufacturer: BridgePower Corp.; model:BPM060S12F03; Input:100-240 V AC, 50-60 Hz, 1.5 A; Output: +12V DC ( ), 5.0 A)
QA software	QAWeb & QAWeb Private Practice
Warranty	3 years

Last updated: 09 Jan 2017
Technical specifications are subject to change without prior notice.
Please check www.barco.com for the latest information.