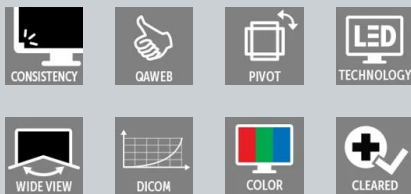


Eonis 24" (MDRC-2224, Option BL)

24" clinical display for hospital-wide viewing of clinical data and images



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

This 24" Eonis® display has been built with healthcare specialists in mind. It combines consistent, high image quality and an attractive, versatile design with networked quality assurance.

High image quality

The high-quality Eonis display presents sharp, bright images with high contrast. 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

The 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.

Smart design, fit for purpose

Barco's Eonis display features an integrated cable management system, making it safe to use in a clinical environment. The multiple mounting options and connections further add to the smart design.

- Front consistency sensor automatically aligns image quality
- IPS panel ensures wide viewing angle
- MediCal QAWeb suite for networked quality assurance, calibration and asset management all add to the exceptional, consistent image quality

- Covered cables
- Medical-grade certifications
- Socket for Kensington lock makes it safe for use in clinical environments
- Flexible VESA mount for easy arm, wall or cart mounting
- Screen positioning in both landscape and portrait mode
- Top connections for easy and secure connections
- Multiple inputs (HDMI, USB, etc.) ensure the display's flexible deployment

Product specifications

EONIS 24" (MDRC-2224, OPTION BL)

General specifications

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/m ² typical
DICOM calibrated luminance	180 cd/m ² (default out-of-the-box setting)
Contrast ratio	1000:1 typical
Response time (Tr + Tf)	14 ms typical
Housing color	Black + 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 164.45 mm
Dimensions w/o stand (W x H x D)	560.4 x 366 x 59.82 mm
Dimensions packaged (W x H x D)	481 x 273 x 761 mm
Net weight with stand	8.58 kg
Net weight w/o stand	5.2 kg
Net weight packaged with stand	12.58 kg
Height adjustment range	100 mm +/-5.0 mm
Tilt	-5° / +20°
Swivel	-45° / +45°
Pivot	90°
Mounting standard	VESA (100 mm)
Screen protection	N/A
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 60601-1-2:2015, EN 60601-1:2006/A11:2011/A1:2013/A12:2014, KC, BIS, VCCI, FCC class B, ICES-001 Level B, FDA Class I device, RoHS, BSMI
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: 08 Jul 2024

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