Eonis 21" (MDRC-2221)

21" clinical display for clinical image review





- **The perfect side display for radiologists**
- **With front sensor for consistent images**
- **With remote QA management tools**

Barco's Eonis® 21" offers a 40% higher calibrated luminance and almost twice the contrast ratio of the previous generation. It comes with a unique front consistency sensor to guarantee consistent images over time, making it ideal for viewing standard PACS images, RIS data, and image-enabled EMR.

With a full-screen format and 2MP resolution for viewing consistent, quality-controlled images for accurate image review, it is the perfect side display for radiologists.

Designed to boost productivity & ergonomics

Equipped with LED backlights, Eonis® 21" features a 250 cd/m^2 calibrated luminance and an excellent contrast ratio, allowing you to view high-detail images quickly and efficiently and with fewer image manipulations. IPS panel technology ensures accurate images even when looked at from a wide viewing angle. Built-in ambient light presets ensure perfect image quality in dark or bright reading environments.

The front-of-screen consistency sensor works seamlessly together with Barco's MediCal QAWeb service for quality assurance and remote asset management and automatically aligns image quality every time the display is switched on, providing you with a solid basis for confident image review.

The display offers flexible tilt and swivel capabilities and a space-saving design to make viewing more ergonomic. Additionally, positioning the 21-inch screen in portrait orientation provides you with more flexibility when viewing skeletal radiography images or patient data.

PRODUCT SPECIFICATIONS	EONIS 21" (MDRC-2221)
Active screen size (diagonal)	541 mm (21.3")
Active screen size (H x V)	432 mm x 324 mm (17" x 12.76")
Aspect ratio (H:V)	4:3
Resolution	2MP (1600 x 1200)
Screen technology	TFT Color LCD
Pixel pitch	0.270
Color imaging	Yes
Gray imaging	Yes
Color support	10 bit
Viewing angle (H, V)	178°
Ambient Light Compensation (ALC)	Yes, preset values in OSD
Front sensor	Yes
Maximum luminance	440 cd/m2; typical
DICOM calibrated luminance	250 cd/m^2
Contrast ratio	1500:1 typical
Response time (Tr + Tf)	20 ms
Housing color	Black + Silver
Video input signals	DisplayPort, DVI
USB ports	1 upstream, 2 downstream
USB standard	2.0
Power requirements (nominal)	100 -240 V
Power consumption (nominal)	32 W (< 1W in stand-by)
Power save mode	Yes
Power management	DPMS
OSD languages	English, French, German, Spanish, Italian, Dutch, Japanese, Traditional Chinese, Simplified Chinese, Korean
Dimensions with stand (W x H x D)	376 x 591.7 x 201.33 mm (portrait)
Dimensions w/o stand (W x H x D)	376 x 484 x 75.93 mm (portrait)
Dimensions packaged (W x H x D)	584 x 667 x 272 mm
Net weight with stand	8.7 kg
Net weight w/o stand	5.25 kg
Net weight packaged with stand	12.4 kg
Height adjustment range	100.0 +/-5.0 mm
Tilt	-5° / +20°
Swivel	-45° / +45°
Pivot	Yes
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/A12:2014,EN 60601-1:2006/A1:2013, KC, BIS, VCCI, FCC class B, ICES-001 Level B, FDA Class I device, RoHS, BSMI

PRODUCT SPECIFICATIONS	EONIS 21" (MDRC-2221)
Supplied accessories	User Guide Cable routing strap Video cables (1x DVI + 1x DP) Main cables (UK, European (CEBEC/KEMA) or USA (UL/CSA; adaptor plug NEMA 5-15P)) USB 2.0 cable Cleaning cloth This adapter is a forming part of the medical device. (Manufacturer: BridgePower Corp., BPM060S24F09; Input: 100-240 V AC, 50-60 Hz, 1.5 A; Output: +24V DC, 2.7 A)
QA software	MediCal QAWeb & QAWeb PP
Warranty	3 years
Operating temperature	+10°C / +35°C
Storage -transport temperature	-20°C / +60°C
Operating humidity	20% -85% (non-condensing)
Storage -transport humidity	5% -95% (non-condensing)
Operating altitude	3000 m
Storage -transport altitude	5500 m
Operating pressure	70 kPa -106 kPa
Storage -transport pressure	50 kPa -106 kPa

Last updated: 05 Feb 2019

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