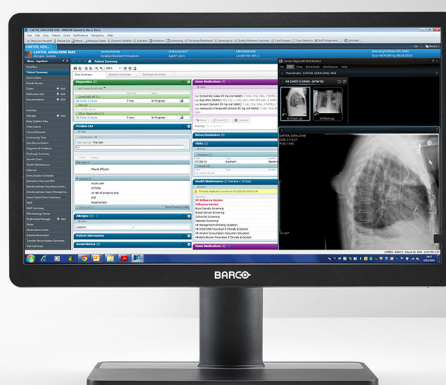
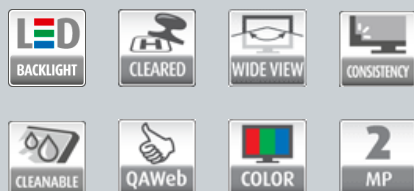


# Eonis 22" (MDRC-2222 Option BL)

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



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

Eonis® is a 22" display built with healthcare specialists in mind. It combines consistent, high image quality and an attractive, versatile design with networked quality assurance.

## High image quality

Eonis presents sharp, bright images. 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

Eonis displays come 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 multiple mounting options and connections. The user-friendly height, tilt and pivot adjustments of the base allow the monitor to be positioned for maximum comfort to help ease the physical strains of a long work day.

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

|                                       |                                                                       |
|---------------------------------------|-----------------------------------------------------------------------|
| 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 <sup>2</sup>                                                 |
| DICOM calibrated luminance            | 180 cd/m <sup>2</sup>                                                 |
| Contrast ratio (panel typical)        | 1000:1                                                                |
| Response time ((Tr + Tf)/2) (typical) | 7.5 ms                                                                |
| Housing color                         | RAL 9004                                                              |
| Video input signals                   | 1x DVI-I<br>1x DisplayPort                                            |
| USB ports                             | 1x USB 2.0 upstream (endpoint)<br>2x USB 2.0 downstream               |
| Power rating                          | 100-240 Vac, 50-60 Hz, 0.6-0.4 A                                      |
| Power consumption                     | 20 W (nominal)<br>< 0.5 W (hibernate)<br>< 0.5 W (standby)            |
| Dimensions with stand (W x H x D)     | Portrait: 337 x 525~602 x 201 mm<br>Landscape: 514 x 388~498 x 201 mm |
| Dimensions w/o stand (W x H x D)      | Portrait: 315 x 514 x 67 mm<br>Landscape: 514 x 315 x 67 mm           |
| Dimensions packaged (W x H x D)       | 700 x 240 x 460 mm                                                    |
| Net weight with stand                 | 5.6 kg                                                                |
| Net weight w/o stand                  | 3.3 kg                                                                |
| Net weight packaged                   | 7.0 kg (without optional accessories)                                 |
| Tilt                                  | -5° to +22°                                                           |
| Pivot                                 | 90°                                                                   |
| Height adjustment range               | 110 mm                                                                |
| Mounting standard                     | VESA (100 mm)                                                         |
| Screen protection                     | N/A                                                                   |
| Recommended modalities                | All digital images, except digital mammography                        |

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

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Certifications        | CE (MDD 93/42/EEC; A1:2007/47/EC class I device)<br>CE 2014/30/EU<br>RoHS<br>EN 60601-1-2 (2015)<br>IEC 60950-1:2005 + A1:2009 + A2:2003 (2nd Edition)<br>IEC 60601-1:2005 + C1:2006 + C2:2007 + A1:2012<br>ANSI/AAMI ES60601-1:A1:2012 + C1:2009/(R)2012 + A2:2010/(R)2012<br>CAN/CSA C22.2 No. 60601-1:2014<br>DEMKO EN 60601-1:2006 + A12:2014 + A1:2013<br>KC<br>FCC class B<br>ICES001 Level B<br>FDA class I device |
| Supplied accessories  | User guide<br>System disc<br>DisplayPort cable<br>USB cable<br>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: 21 Jan 2018

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.