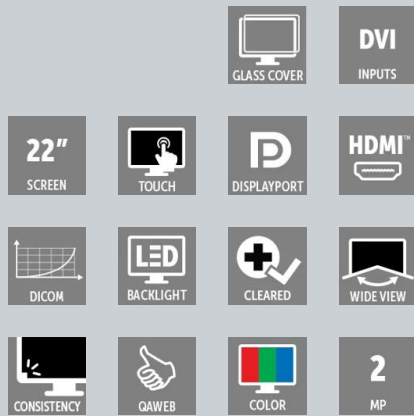


Eonis 22" (MDRC-2422)

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



- **22" display for reviewing clinical images**
- **Front sensor for consistent images**
- **Automated calibration & QA**

The Eonis 22" brings reliable, DICOM compliant images to a broad palette of imaging applications, including EMR. It combines consistent image quality and an attractive, versatile design with effortless quality assurance.

Easy collaboration with consistent images

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 Eonis 22" can be used for consulting radiology and PACS images, as well as for clinical review and consultation.

Result? Consistent images that make collaboration between specialists easier. Discuss images with colleagues at multiple locations, knowing that everyone is viewing identical images.

Automated quality assurance

Eonis 22" comes with the cloud-based QAWeb Enterprise software, an online service for automated calibration, quality assurance and asset management.

Praised in hospitals around the world, QAWeb Enterprise allows healthcare IT and PACS administrators to centrally and remotely manage image quality across the healthcare organization, at the click of a button.

Fit for clinical review

Barco's Eonis display features multiple mounting and interface options, including a VESA mount. The user-friendly height, tilt and pivot adjustments of the base allow the monitor to be positioned for maximum comfort.

Like every Barco clinical review display, the MDRC-2422 complies with

international medical and patient safety standards.

Variants

- MDRC-2422 (Option SNIB): standard brightness, no cover, no touchscreen, internal power supply, black housing
- MDRC-2422 (Option STIB): standard brightness, no cover, touchscreen, internal power supply, black housing
- MDRC-2422 (Option SNEW): standard brightness, no cover, no touchscreen, external power supply, white housing
- MDRC-2422 (Option SPEW): standard brightness, protective cover, no touchscreen, external power supply, white housing

Product specificaties**EONIS 22" (MDRC-2422)**

General specifications	
Schermt technologie	LCD (AHVA)
Actief schermformaat (diagonaal)	546 mm (21.5")
Formaat actief scherm (H x V)	476 x 268 mm (18.7 x 10.5")
Beeldverhouding (H:V)	16:9
Resolutie	2MP (1920 x 1080 pixels)
Pixelpitch	0.248 mm
Beeldkleur	Yes
Grijsbeeldvorming	Yes
Bit depth	30 bit
Kijkhoek (H, V)	178°
Ambient light presets	Yes, reading room selection
Front sensor	Yes, Front Consistency Sensor
Maximale luminantie (paneel standaard)	280 cd/m ²
DICOM-gekalibreerde luminescentie	180 cd/m ²
Contrastverhouding (paneel standaard)	800:1
Reactietijd ((stijgtijd + valtijd)/2) (standaard)	7.5 ms
Kleur behuizing	MDRC-2422 (options STIB and SNIB): RAL 9004 MDRC-2422 (options SNEW and SPEW): RAL 9003
Video-ingangssignalen	1x DVI-I 1x DisplayPort 1x HDMI™
USB-poorten	1x USB 2.0 upstream (endpoint) 2x USB 2.0 downstream
Power requirements	100-240 Vac, 50/60 Hz, 1-0.5 A 12 Vdc, 3.5 A
Energieverbruik	20 W (nominal) < 0.5 W (hibernate) < 0.3 W (standby)
Afmetingen met standaard (B x H x D)	Portrait: 337 x 525~602 x 201 mm Landscape: 514 x 388~498 x 201 mm
Afmetingen zonder standaard (B x H x D)	Portrait: 315 x 514 x 67 mm Landscape: 514 x 315 x 67 mm
Afmetingen verpakt (B x H x D)	700 x 240 x 460 mm
Nettogewicht met standaard	MDRC-2422 (option STIB): 6.5 kg MDRC-2422 (option SNIB): 5.7 kg MDRC-2422 (option SNEW): 5.4 kg MDRC-2422 (option SPEW): 6.2 kg
Nettogewicht zonder standaard	MDRC-2422 (option STIB): 4.2 kg MDRC-2422 (option SNIB): 3.5 kg MDRC-2422 (option SNEW): 3.2 kg MDRC-2422 (option SPEW): 4 kg
Nettogewicht verpakt	MDRC-2422 (option STIB): 8.7 kg (without optional accessories) MDRC-2422 (option SNIB): 7.9 kg (without optional accessories) MDRC-2422 (option SNEW): 7.6 kg (without optional accessories) MDRC-2422 (option SPEW): 8.4 kg (without optional accessories)
Kanteling	-5° to +22°
Roteren	90°

Product specificaties**EONIS 22" (MDRC-2422)**

Hoogteregelbereik	110 mm
Montagestandaard	VESA (75 and 100 mm)
Screen protection	Protective, anti-glare glass cover (MDRC-2422 option SPEW only)
Aanbevolen procedures	All digital images, except digital mammography
Certificeringen	FDA Class I, 510(k) exempt CE (Medical Device Class I) CCC (China), BIS (India) Safety specific: AAMI ES60601-1:2005, ES60601-1:2005/AMD1 1:2012, ES60601-1:2005/ AMD2:2021 CAN/CSA-C22.2 NO. 60601-1:14/A2:2022 IEC 60601-1:2005, AMD1:2012, AMD2:2020 EN 60601-1:2006/A1:2013/A12:2014/A2:2021 IEC 62368-1: 2018 EN IEC 62368-1:2020+A11:2020 IEC 60601-1-2: 2014 +A1:2020 EN 60601-1-2: 2015 +A1:2021 EMI specific: FCC part 15 Class B ICES-003 Level B VCCI Environmental: China Energy Label, EU RoHS, China RoHS, REACH, Canada Health, WEEE, Packaging Directive, CECP
Meegeleverde accessoires	1x DisplayPort video cable 1x USB cable 1x printed User Guide (in English, other languages can be found on the documentation disc) 1x documentation disc 1x system sheet 1x Mains cable (based on ordered part number)
Software voor kwaliteitsgarantie	QAWeb
Garantie	3 years
Bedrijfstemperatuur	0 °C to 40 °C
Opslagtemperatuur	-20 °C to 60 °C
Vochtigheid in bedrijf	10% to 85% (non-condensing)
Vochtigheid bij opslag	10% to 90% (non-condensing)
Bedrijfsdruk	70 kPa (minimum)
Opslagdruk	50 to 110 kPa

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