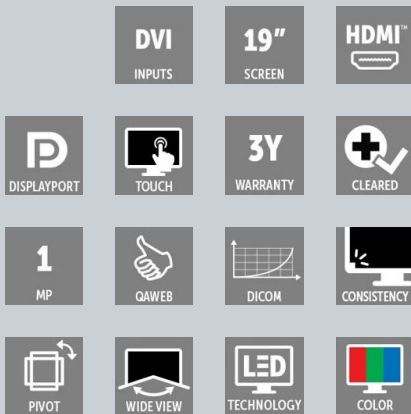


# Eonis 19" (MDRC-1419)

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



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

The Eonis 19" 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 19" unique 5:4 aspect ratio is ideal for viewing all types of applications and images from medical modalities.

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

### Automated quality assurance

Eonis 19" 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 displays feature 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-1419 complies with international medical and patient safety standards.



### Variants

- MDRC-1419 (Option SNIB): standard brightness, no cover, no touchscreen, internal power supply, black housing
- MDRC-1419 (Option HNIB): high brightness, no cover, no touchscreen, internal power supply, black housing
- MDRC-1419 (Option STIB): standard brightness, no cover, touchscreen, internal power supply, black housing

### A ecolabel for Eonis 19"

The Eonis 19" has been subjected to Barco's ecoscoring protocol and has received an A rating. Some key factors that contributed to this rating are:

- Energy efficient when in active use, low power consumption in standby & soft off mode
- Automatic standby mode when device is not in use
- Full cardboard packaging with >85% recycled cardboard, no plastic foams
- Modular device for easier repair
- Enclosure consists of unpainted plastics, compatible for recycling

**Product specificaties****EONIS 19" (MDRC-1419)****Algemene specificaties**

Schermt technologie	Standard Version: IPS TFT High Bright Version: AHVA
Actieve schermgrootte (diagonaal)	482 mm (19")
Actieve schermgrootte (H x V)	376 x 301 mm (14.81" x 11.85")
Beeldverhouding (H:V)	5:4
Resolutie	1 MP (1280 x 1024 pixels @60 Hz)
Pixelpitch	0.294 mm
Kleurenafbeelding	Yes
Grijsbeeld	Yes
Bitdiepte	24 bit
Kijkhoek (H, V)	178°
Kleurkalibratie (sRGB)	Available for: MDRC-1419 SNIB MDRC-1419 SNIB DIN MDRC-1419 STIB
Kleurengamma	Refer to panel specification
sRGB Delta E2000 (standaard)	DeltaE 2000 • Avg < 2 • Max < 5
Sensor vooraan	Available for: MDRC-1419 SNIB MDRC-1419 SNIB DIN MDRC-1419 STIB
Backlight Output Stabilization (BLOS)	Available for: MDRC-1419 HNIB MDRC-1419 HNIB CHH
Maximale luminantie (typisch paneel)	Standard Version: 330 cd/m <sup>2</sup> High Bright Version: 700cd/m <sup>2</sup>
DICOM-gekalibreerde luminantie	Standard Version: 250 cd/m <sup>2</sup> High Bright Version: 400cd/m <sup>2</sup>
Contrastverhouding (paneeltypisch)	Standard Version: 1000:1 (min: 800:1) High Bright Version: 1000:1 (min: 700:1)
Reactietijd ((Tr + Tf)/2) (typisch)	Standard Version: 15 ms High Bright Version: 12.5 ms
Kleur behuizing	RAL 9004
Video-ingangssignalen	1 x DP 1 x DVI-D 1 x DVI-A 1 x HDMI
USB-poorten	1 x USB USB_std upstream 2 x USB USB_std downstream
Nominaal vermogen	Internal, 100-240 Vac, 50/60 Hz
Energieverbruik	< 25W (Standard Version)
Afmetingen incl. steun (B x H x D)	Portrait: 348 x 440-550 x 201 mm Landscape: 411 x 408-518 x 201 mm
Afmetingen zonder steun (B x H x D)	411 x 348 x 67 mm
Afmetingen verpakt (B x H x D)	482 x 399 x 249 mm
Nettogewicht met steun	MDRC-1419 SNIB: 5.5 kg MDRC-1419 SNIB DIN: 5.5 kg MDRC-1419 STIB: 6.44 kg MDRC-1419 HNIB: 5.44 kg MDRC-1419 HNIB CHH: 5.44 kg
Nettogewicht zonder standaard	MDRC-1419 SNIB: 3.3 kg MDRC-1419 SNIB DIN: 3.3 kg MDRC-1419 STIB: 4.24 kg MDRC-1419 HNIB: 3.24 kg MDRC-1419 HNIB CHH: 3.24 kg
Nettogewicht verpakt	MDRC-1419 SNIB: 8.9 kg MDRC-1419 SNIB DIN: 8.9 kg MDRC-1419 STIB: 9.8 kg MDRC-1419 HNIB: 8.3 kg MDRC-1419 HNIB CHH: 8.3 kg
Kanteling	-5° to 22°
Draaien	No
Scharnieren	90°
Bereik hoogterverstelling	110 mm
Montage standaard	VESA (100 mm)
Screen Protection	No
Aanraakscherm	Available for MDRC-1419 STIB

**Product specificaties****EONIS 19" (MDRC-1419)**

Beoogd gebruik	Refer to technical specification
Aanbevolen modaliteiten	All digital images, except digital mammography
Certificeringen	FDA Class I, 510(k) exemptCE (Medical Device Class I) UKCA (UK) CCC, CECP (China) KC (Available for standard versions only) VCCI (Available for standard versions only) BIS (India) EAC (Russia, Kazakhstan, Belarus, Armenia and Kyrgyzstan) UL (US and Canada), FCC, DEMKO  Safety specific: IEC 60601-1:2005 +AMD1:2012+ AMD2:2020 EN 60601-1:2006 + A1:2013+ A12:2014 IEC 62368-1:2018 EN 62368-1:2020 + A11:2020 IEC 60601-1-6:2010 +AMD1:2013 + AMD2:2020 ANSI/AAMI ES60601-1:2005+ R1:2012 + R2:2021 CAN/CSA C22.2 No. 60601-1:2014 GB 4943.1-2022  EMC specific: IEC 60601-1-2:2014 +A1:2020 EN 60601-1-2:2015 +A1:2021 FCC Part 15 Subpart B ICES-003 Level B GB 17625.1-2012 GB/T 9254.1-2021  Environmental: China Energy Label, ChinaRoHS, EU RoHS, REACH, Canada Health, WEEE, Packaging Directive
Meegeleverde accessoires	1x USB cable 1x DP cable 1x Main cable 1x DVI-D cable (available for MDRC-1419 HNIB CHH) 1x VGA Dongle (available for MDRC-1419 HNIB CHH) 1x User Guide (English) 1x CD, containing (translations of the User Guide) 1x System sheet
Optionele accessoires	No
QA-software	QAWeb
Garantie	3 years
Bedrijfstemperatuur	0°C to 40°C
Opslagtemperatuur	-20°C to 60°C
Luchtvochtigheid bedrijf	Standard Version: 20% to 80% High Bright Version: 5% to 80%
Vochtigheid bij opslag	Standard Version: 10% to 90% High Bright Version: 5% to 90%
Minimale werkdruk	70 kPa
Opslagdruk	50 to 106 kPa

**Laatst bijgewerkt: 23 Sep 2024**

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