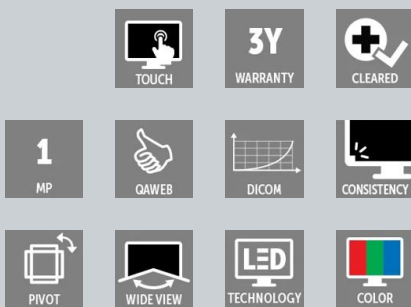


Eonis 19" (MDRC-1219)

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



- **Fit for clinical use**
- **Automated Quality Assurance and calibration**
- **Front consistency sensor technology**
- **Different versions available**

The MDRC-1219 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. A touchscreen version is also available.

Consistent images, easy collaboration

The high-quality display presents sharp, bright images with high contrast. The unique front consistency sensor automatically aligns the image quality every time the display is switched on, ensuring fast power-up and continuous luminance stability.

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

Quality assured, automatically

The MDRC-1219 comes with Barco's cloud-based QAWeb Enterprise software, an online service for 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 use

The unique 5:4 aspect ratio is ideal for viewing all types of applications and images from medical modalities. Like every Barco clinical display, the MDRC-1219 complies with international medical and patient safety standards.

Models



- MDRC-1219: standard model
- MDRC-1219 TS: touchscreen
- MDRC-1219 HB: high-bright version
- MDRC-1219 HB TS: high-bright model with touchscreen

Please consult your Barco representative or distributor in your country or territory to confirm availability. A reference to any product or service on this site does not imply that such product is or will be available in your location.

Product specificaties**EONIS 19" (MDRC-1219)**

General specifications	
Schermt technologie	Standard versions: IPS TFT High bright versions: IPS AHVA
Actief schermformaat (diagonaal)	482 mm (19.0")
Formaat actief scherm (H x V)	376 x 301 mm (14.81 x 11.85")
Beeldverhouding (H:V)	5:4
Resolutie	1MP (1280 x 1024 pixels)
Pixelpitch	0.294 mm
Beeldkleur	Yes
Grijsbeeldvorming	Yes
Bit depth	8 bit (DVI) 10 bit (DisplayPort)
Kijkhoek (H, V)	178°
Voorgeprogrammeerde instellingen voor omgevingslicht	Yes, reading room selection
Backlight Output Stabilization Technology (BLOS)	Standard versions: No High bright versions: Yes
Voorsensor	Standard versions: Yes, Front Consistency Sensor High bright versions: No
Maximale luminantie (paneel standaard)	Standard versions: 330 cd/m ² High bright versions: 700 cd/m ²
DICOM-gekalibreerde luminescentie	Standard versions: 250 cd/m ² High bright versions: 400 cd/m ²
Contrastverhouding (paneel standaard)	Standard versions: 1000:1 High bright versions: 900:1
Reactietijd ((stijgtijd + valtijd)/2) (standaard)	Standard versions: 15 ms High bright versions: 12.5 ms
Kleur behuizing	Black
Video-ingangssignalen	DVI (DVI-D and DVI-A) DisplayPort
USB-poorten	1x USB 2.0 upstream (endpoint) Standard versions: 2x USB 2.0 downstream High bright versions: 1x USB 2.0 downstream
Voedingsvereisten	Internal power supply (100-240 Vac, 50/60 Hz)
Energieverbruik	Standard versions: 22 W (nominal) High bright versions: 25 W (nominal) < 0.5 W (standby)
Afmetingen met standaard (B x H x D)	Portrait: 348 x 440-550 x 201 mm Landscape: 411 x 408-518 x 201 mm
Afmetingen zonder standaard (B x H x D)	411 x 348 x 67 mm
Afmetingen verpakt (B x H x D)	426 x 592 x 326 mm
Nettogewicht met standaard	MDRC-1219: 5.3 kg MDRC-1219 (option TS): 6.1 kg MDRC-1219 (option HB): 5.4 kg MDRC-1219 (option HB TS): 6.2 kg
Nettogewicht zonder standaard	MDRC-1219: 3.1 kg MDRC-1219 (option TS): 3.9 kg MDRC-1219 (option HB): 3.2 kg MDRC-1219 (option HB TS): 4.0 kg
Nettogewicht verpakt	MDRC-1219: 8.1 kg MDRC-1219 (option TS): 8.9 kg MDRC-1219 (option HB): 7.4 kg MDRC-1219 (option HB TS): 8.2 kg
Kanteling	-5° to +22°
Zwenking	N/A
Roteren	90°
Hoogteregelbereik	110 mm
Montagestandaard	VESA (100 mm)
Bescherming van het scherm	Touch versions: PCAP touchscreen Other versions: N/A
Aanbevolen procedures	Reviewing of digital images

Product specificaties

EONIS 19" (MDRC-1219)

Certificeringen

Standard versions:
FDA Class I,510(k) exempt
CE (Medical Device Class I)
CCC (China), Inmetro (Brazil), KC (Korea), BIS (India), EAC (Russia, Kazakhstan, Belarus, Armenia and Kyrgyzstan)
Safety specific:
IEC 60950-1:2005 +A1:2009 +A2:2013
EN 60950-1:2006 + A1:2010 + A11:2009 + A12:2011 + A2:2013
IEC 60601-1: 2005 + CORR. 1:2006 + CORR. 2:2007 + AM1:2012
EN 60601-1:2006 + A1:2013 + A12:2014
ANSI/AAMI ES 60601-1:2005 + R1:2012
CAN/CSA C22.2 No. 60601-1:2014
EMI specific:
IEC 60601-1-2: 2014 (ed4)
EN 60601-1-2: 2015 (ed4)
ICES-003 Level B
Environmental:
China Energy Label, EU RoHS, China RoHS, REACH, Canada Health, WEEE, Packaging Directive

High bright versions:
FDA Class I,510(k) exempt
CE (Medical Device Class I)
Safety specific:
IEC 60950-1:2005 +A1:2009 +A2:2013
EN 60950-1:2006 + A1:2010 + A11:2009 + A12:2011 + A2:2013
IEC 60601-1: 2005 + CORR. 1:2006 + CORR. 2:2007 + AM1:2012
EN 60601-1:2006 + A1:2013 + A12:2014
ANSI/AAMI ES 60601-1:2005 + R1:2012
CAN/CSA C22.2 No. 60601-1:2014
EMI specific:
IEC 60601-1-2: 2014 (ed4)
EN 60601-1-2: 2015 (ed4)
ICES-003 Level B
Environmental:
EU RoHS, REACH, Canada Health, WEEE, Packaging Directive

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
Mains cables

Software voor kwaliteitsgarantie

QAWeb

Garantie

3 years

Bedrijfstemperatuur

Standard versions: 0 °C to +35 °C
High bright versions: 0°C to +40 °C

Opslagtemperatuur

-20 °C to +60 °C

Vochtigheid in bedrijf

Standard versions: 20 % to 80 % (non-condensing)
High bright versions: 8 % to 80 % (non-condensing)

Vochtigheid bij opslag

Standard versions: 10 % to 90 % (non-condensing)
High bright versions: 5 % to 90 % (non-condensing)

Bedrijfsdruk

70 kPa minimum

Opslagdruk

50 to 106 kPa

Laatst bijgewerkt: 21 Jun 2023

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