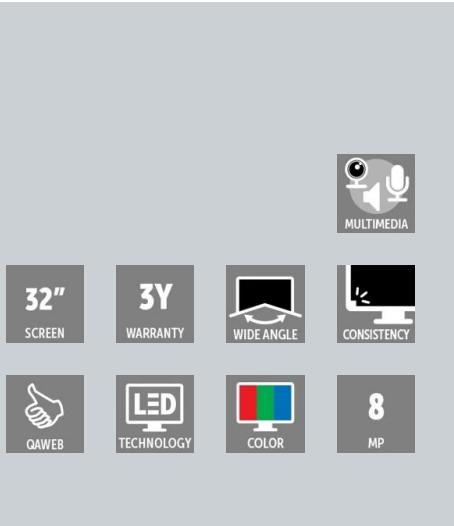


Eonis Color 8MP (MDRC-8132)

32" clinical display for viewing of medical images and clinical information



- **32" display for viewing medical records**
- **8MP screen resolution**
- **Front sensor for consistent image representation**
- **Remote QA management tools**
- **Integrated multimedia functionalities**
- **Pathology setting for accurate representation of whole slide images**

Eonis 8MP is a 32" display built with healthcare specialists in mind. It combines consistent, high image quality and an attractive, versatile design with centralized quality assurance. It also includes built-in multimedia functionalities for easy virtual collaboration.

High image quality

Eonis 8MP offers you 8 megapixels of screen resolution, the highest in our Eonis range. This makes it an ideal choice for healthcare professionals seeking second opinions, emergency or trauma assessments, or referrals, which are not primary diagnoses. Moreover, the display incorporates an innovative front consistency sensor that seamlessly adjusts image quality whenever you power it on.

Additionally, Eonis 8MP has a pathology setting that triggers sRGB color calibration, resulting in excellent images with accurate color representation.

Virtual collaboration was never this easy

The Eonis 8MP extends its capabilities beyond its core functions by providing multimedia features. These streamline intra-hospital and virtual communication among healthcare practitioners, discussing a patient's medical history, electronic medical records and clinical images.

- Built-in camera, microphone, and speakers
- Consistent images and centralized quality assurance
- KVM for seamless switching between workstations

These features promote effective communication across locations and clinical disciplines, making Eonis 8MP an excellent tool for teleconsultations with



These features promote effective communication across locations and clinical disciplines, making Eonis 8MP an excellent tool for teleconsultations with patients as well.

Centralized quality assurance

Eonis monitors are bundled with Barco's cloud-based QAWeb Enterprise software, an online platform 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 touch of a button.

A+ ecolabel for Eonis Color 8MP

The Eonis Color 8MP has been subjected to Barco's ecoscoring protocol and has received an A+ rating. Some key factors that contributed to this rating are:

- Automatic standby mode when device is not in use
- Use of plastics containing 30% recycled content >50% halogen-free cables & >65% halogen-free PCBs
- >90% recyclable packaging
- Unpainted housing to make recycling easier

Product specifications**EONIS COLOR 8MP (MDRC-8132)****General specifications**

Screen technology	IPS
Active screen size (diagonal)	812.80 mm (32.0")
Active screen size (H x V)	708.48 x 398.52 mm (27.9 x 15.7")
Aspect ratio (H:V)	16:9
Resolution	8MP (3840 x 2160 pixels @ 60 Hz)
Pixel pitch	0.1845 mm
Color imaging	Yes
Gray imaging	Yes
Bit depth	30 Bit
Viewing angle (H, V)	170°
Pathology Setting	Yes
Color gamut NTSC	80.3%
Color gamut sRGB	112%
sRGB Delta E2000 (typical)	< 3 (average) < 5 (maximum)
RapidFrame	Yes
Ambient light presets	Yes, reading room selection
Front sensor	Yes, Front Consistency Sensor
Maximum luminance (panel typical)	500 cd/m ²
DICOM calibrated luminance	300 cd/m ²
Contrast ratio (panel typical)	1000:1
Response time (Tr + Tf)/2 (typical)	9.8 ms
Housing color	Black (RAL 9004) / White (RAL 9003)
Video input signals	2x DisplayPort 1.4
Video output signals	1x DisplayPort (MST)
USB ports	2x USB-B 2.0 upstream (endpoint) 5x USB-A 2.0 downstream (of which 1 charge port)
KVM switch	Yes
Power rating	24 Vdc, 8.3 A
Power requirements	This device shall only be powered by the medical approved power supply of Adapter Tech., type ATM200T-P240: ■ Input: 100-240 Vac, 50-60 Hz, 2.5-0.9 A ■ Output: 24 Vdc, 8.3 A
Power consumption	45.5 W (nominal) < 0.35 W (hibernate) < 0.35 W (switched off)
Dimensions with stand (W x H x D)	743 x 518~618 x 238 mm
Dimensions w/o stand (W x H x D)	743 x 459 x 63 mm
Dimensions packaged (W x H x D)	898 x 752 x 358 mm
Net weight with stand	13 kg
Net weight w/o stand	8.4 kg
Net weight packaged	21 kg (without optional accessories)
Tilt	-5° to +25°
Swivel	-30° to +30°
Pivot	N/A
Height adjustment range	100 mm
Mounting standard	VESA (100 mm)
Screen protection	N/A
Recommended modalities	All digital images, except digital mammography.

Product specifications**EONIS COLOR 8MP (MDRC-8132)****Certifications**

CE (Medical Device)
FDA Class I, 510(k) exempt
CCC (China) (Pending), KC (Korea) (Pending), INMETRO (Brazil) (Pending), BIS (India) (Pending), EAC (Russia) (Pending), UKCA (UK)
Safety specific:
IEC 60950-1:2005+A1:2009+A2:2013
EN 60950-1:2006+A1:2010+A11:2009+A12:2011+A2:2013
IEC 62368-1:2018
EN IEC 62368-1:2020+A11:2020
IEC 60601-1:2005+A1:2012+A2:2020
EN 60601-1:2006+A1:2013+A12:2014+A2:2021
AAMI ES 60601-1:2005+A1:2012+A2:2021
CAN/CSA C22.2 No. 60601-1:2014 (Reaffirmed 2022)
EMI specific:
IEC 60601-1-2:2014+A1:2020 (Ed.4.1)
EN 60601-1-2:2015+A1:2021 (Ed.4.1)
FCC part 15 Class B
ICES-001 Level B
VCCI (Japan) (Pending)
Environmental:
EU RoHS, China RoHS, REACH, Canada Health, WEEE, Packaging Directive

Supplied accessories

User Guide
Quick Install Sheet
Documentation disc
System sheet
Video cables
Mains cables
USB cable
External power supply

Optional accessories

Display controller
Touch pad

QA software

QAWeb Enterprise

Warranty

3 years

Operating temperature

0 °C to 35 °C (20 °C to 30 °C within specs)

Storage temperature

-20 °C to +60 °C

Operating humidity

8 % to 80 % (non-condensing)

Storage humidity

5 % to 85 % (non-condensing)

Operating pressure

70 kPa

Storage pressure

50 to 106 kPa

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