

Eonis Color 8MP (MDRC-8132) MKII

The clinical review display that brings your team together



- **Image quality:** 32" display with 8MP resolution, front consistency sensor, pathology setting, and sRGB color calibration
- **Virtual collaboration:** Integrated camera, built-in speaker and microphone, teleconsultation ready
- **Connectivity:** USB-C docking, KVM switching, picture-by-picture, built-in LAN port, and daisy chaining
- **Asset management:** QAWeb Enterprise for centralized QA and asset management
- **Sustainability:** 3-year warranty and A+ ecoscore

Barco's Eonis Color 8MP helps clinical teams collaborate faster and more effectively across wards, disciplines, and locations – without adding complexity to the workstation setup. With a large 32-inch screen, 8MP resolution, USB-C docking, built-in conferencing hardware, and centralized quality management, it brings reliable image review and virtual collaboration together in one streamlined display.

Consistent image quality for clinical review

With the highest resolution in Barco's Eonis range, the Eonis Color 8MP gives clinicians the space to review medical images, patient records, and clinical information side by side. Its integrated front consistency sensor automatically adjusts and maintains image consistency when the display is powered on. A dedicated pathology setting with sRGB color calibration supports accurate representation of whole slide images in pathology workflows. Through QAWeb Enterprise, image quality can also be managed centrally across displays, helping healthcare organizations maintain consistent review conditions with less manual intervention..

One cable, full workstation connectivity

USB-C Alt Mode turns the Eonis Color 8MP into a central docking hub for the clinical workstation. Video, data, power, and network connectivity can all run through a single cable, reducing cable clutter at the desk or bedside.

The display supports KVM switching, allowing users to switch between up to three connected input devices, such as PACS workstations or laptops, directly from the display. Picture-by-picture functionality makes it possible to divide the 8MP screen into two independent 4MP zones or view two workstations side by side for direct comparison. A built-in LAN port and daisy chaining further simplify workstation setup and connectivity.



Virtual collaboration built in

Clinical teams increasingly need to discuss imaging findings, patient records, and treatment decisions remotely or across departments. The Eonis Color 8MP includes an integrated camera, speaker, and microphone, making it ready for virtual case reviews, multidisciplinary team meetings, and teleconsultations without the need for extra devices.

Centralized quality assurance and asset management

For IT and PACS administrators, the Eonis Color 8MP supports centralized quality assurance and remote asset management through QAWeb Enterprise. Image quality, calibration, and compliance can be managed across the organization from a central platform, helping reduce on-site interventions and simplify display fleet management.

Built to last, built responsibly

The Eonis Color 8MP is designed for long-term value, with a 3-year warranty and Barco's A+ ecoscore. Sustainability features include automatic standby mode, recycled plastic content, halogen-free components, recyclable packaging, and unpainted housing to support easier recycling.

Product specificaties**EONIS COLOR 8MP (MDRC-8132) MKII****Algemene specificaties**

Schermt technologie	IPS
Actieve schermgrootte (diagonaal)	812,80 mm (32.0")
Actieve schermgrootte (H x V)	708,48 x 398,52 mm (27,9 x 15,7")
Beeldverhouding (H:V)	16:9
Resolutie	Native 8MP (3840 x 2160 pixels @ 60 Hz) Configurable to 2x 4MP+ (1920 x 2160 pixels @ 60 Hz)
Pixelpitch	0,1845 mm
Kleurenbeeld	Ja
Grijsbeeld	Ja
Bitdiepte	30 Bit
Kijkhoek (H, V)	178°
Pathologie-instellingen	Ja
NTSC Kleurengamma	80.3%
Kleurengamma sRGB	112%
sRGB Delta E2000 (standaard)	< 3 (gemiddelde) < 5 (maximum)
RapidFrame	Ja
Voorinstellingen voor omgevingslicht	Ja, selectie reading room
Sensor aan de voorkant	Ja, voorsensor consistentie
Maximale luminance (afhankelijk van het paneel)	500 cd/m ²
DICOM gekalibreerde luminantie	300 cd/m ²
Contrastverhouding (afhankelijk van het paneel)	1000:1
Reactietijd ((Tr + Tf)/2) (normaal)	9,8 ms
Kleur behuizing	Zwart (RAL 9004) / Wit (RAL 9003)
Video-ingangssignalen	2x DisplayPort 1.4
Video-uitgangssignalen	1x DisplayPort (MST)
USB-poorten	Upstream: 2x USB-B 2.0 1x USB-C 3.2 (DisplayPort Alt Mode, Power Delivery up to 75W) Downstream: 2x USB-A 2.0 1x USB-A 2.0 (side of the display) 1x USB-C 2.0 (side of the display, Power Delivery up to 7.5W)
LAN/RJ45 ports	1x 1GbE
Nominaal vermogen	24 Vdc, 8,3 A
Stroomvereisten	Dit apparaat mag alleen worden gevoed door de medisch goedgekeurde voeding van Adapter Tech., type ATM200T-P240: ■ Ingang: 100-240 Vac, 50-60 Hz, 2.5-0.9 A ■ Uitgang: 24 Vdc, 8,3 A
Stroomverbruik	45,5 W (nominaal) < 0,35 W (slaapstand) < 0,35 W (uitgeschakeld)
Afmetingen met standaard (B x H x D)	743 x 518~618 x 238 mm
Afmetingen zonder standaard (B x H x D)	743 x 459 x 63 mm
Afmetingen verpakt (B x H x D)	898 x 752 x 358 mm
Nettogewicht met standaard	13 kg
Nettogewicht zonder standaard	8,4 kg
Netto gewicht verpakt	21 kg (zonder optionele accessoires)
Kanteling	-5° tot +25°
Zwenking	-30° tot +30°
Scharnieren	NVT
Hoogteregelbereik	100 mm
Montagestandaard	VESA (100 mm)
Bescherming van het scherm	NVT
Aanbevolen modaliteiten	Alle digitale afbeeldingen, met uitzondering van digitale mammografie.

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Certificeringen	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) (Pending) Safety specific: 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
Meegeleverde accessoires	Gebruikershandleiding Beknopte installatiehandleiding Documentatieschijf Systeempagina Videobekabeling Netsnoeren USB-kabel Externe voeding
Optionele accessoires	Beeldschermregelaar Touchpad
QA-software	QAWeb Enterprise
Garantie	3 jaar
Temperatuur tijdens gebruik	0 °C tot 35 °C (20 °C tot 30 °C binnen de specificaties)
Opslagtemperatuur	-20 °C tot +60 °C
Luchtvochtigheid tijdens gebruik	8 % to 80 % (non-condensing)
Luchtvochtigheid bij opslag	5 % tot 85 % (niet-condenserend)
Werkdruk	70 kPa
Opslagdruk	50 tot 106 kPa

Laatst bijgewerkt: 19 Jun 2026

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