

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.

Especificações técnicas**EONIS COLOR 8MP (MDRC-8132) MKII****Especificações gerais**

Tecnologia de tela	IPS
Tamanho de tela ativo (diagonal)	812,80 mm (32,0")
Tamanho de tela ativa (H x V)	708,48 x 398,52 mm (27,9 x 15,7")
Proporção de aspecto (H:V)	16:9
Resolução	Native 8MP (3840 x 2160 pixels @ 60 Hz) Configurable to 2x 4MP+ (1920 x 2160 pixels @ 60 Hz)
Distância entre pontos	0.1845 mm
Imagem a cores	Sim
Imagem cinza	Sim
Profundidade de bits	30 bits
Ângulo de visão (H, V)	178°
Configuração da patologia	Sim
Faixa de cor NTSC	80.3%
Faixa de cor sRGB	112%
sRGB Delta E2000 (típica)	
RapidFrame	Sim
Predefinições de luz ambiente	Sim, seleção da sala de leitura
Sensor frontal	Sim, sensor de consistência frontal
Luminância máxima (painel típico)	500 cd/m ²
Luminância calibrada DICOM	300 cd/m ²
Taxa de contraste (típica do painel)	1000:1
Tempo de resposta ((Tr + Tff)/2) (típico)	9.8 ms
Cor da carcaça	Preto (RAL 9004)/Branco (RAL 9003)
Sinais de entrada de vídeo	2 DisplayPort 1.4
Sinais de saída de vídeo	1 DisplayPort (MST)
Portas USB	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
Classificação elétrica	24 Vdc, 8,3 A
Requisitos de energia	Este dispositivo deve ser alimentado apenas pela fonte de alimentação médica aprovada da Adapter Tech., tipo ATM200T-P240: <ul style="list-style-type: none">Entrada: 100-240 Vac, 50-60 Hz, 2,5-0,9 ASaída: 24 Vdc, 8,3 A
Consumo de energia	45,5 W (nominal) < 0,35 W (hibernação) < 0,35 W (desligado)
Dimensões com suporte (L x A x P)	743 x 518~618 x 238 mm
Dimensões sem base (L x A x P)	743 x 459 x 63 mm
Dimensões da embalagem (L x A x P)	898 x 752 x 358 mm
Peso líquido com suporte	13 kg
Peso líquido sem suporte	8.4 kg
Peso líquido na embalagem	21 kg (sem acessórios opcionais)
Inclinação	-5° a +25°
Rotação	-30° a +30°
Pivô	N/D
Faixa de ajuste de altura	100 mm
Padrão de montagem	VESA (100 mm)
Proteção de tela	N/D
Modalidades recomendadas	Todas as imagens digitais, exceto mamografia digital.

Especificações técnicas

EONIS COLOR 8MP (MDRC-8132) MKII

Certificações	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
Acessórios fornecidos	Guia do usuário Folha de instalação rápida Disco de documentação Ficha do sistema Cabos de vídeo Cabos da rede elétrica Cabo USB Fonte de alimentação externa
Acessórios opcionais	Controlador de monitor Touchpad
Software do controle de qualidade	QAWeb Enterprise
Garantia	3 anos
Temperatura de operação	0 °C a 35 °C (20 °C a 30 °C dentro das especificações)
Temperatura de armazenamento	-20°C a +60°C
Umidade de operação	8 % to 80 % (non-condensing)
Umidade de armazenamento	5% a 85% (sem condensação)
Pressão operacional	70 kPa
Pressão de armazenamento	50 a 106 kPa

Gerada em: 19 Jun 2026

© 2026 Barco nv. Todos os direitos reservados. A reprodução total ou parcial sem permissão por escrito é proibida. Todos os nomes de marca e produto são marcas comerciais, marcas comerciais registradas ou nomes dos respectivos proprietários. Por causa da inovação contínua, as informações e as especificações técnicas estão sujeitas a alterações sem aviso prévio. Verifique www.barco.com para obter as especificações mais recentes.