

# 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-

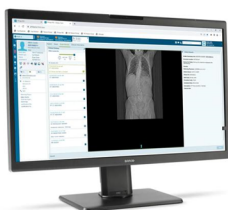
Barco's Eonis Color 8MP helps clinical teams collaborate faster and more effectively across wards, disciplines, and locations — without adding complexity to the workstation setup. With a large 32-inch screen, 8MP resolution, USB-C docking, built-in conferencing hardware, and centralized quality management, 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.

## 기술 사양

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### 일반 사양

스크린 기술	IPS
활성 화면 크기(대각선)	812.80 mm(32.0")
활성 화면 크기(H x V)	708.48 x 398.52 mm(27.9 x 15.7")
종횡비(H:V)	16:9
해상도	Native 8MP (3840 x 2160 pixels @ 60 Hz) Configurable to 2x 4MP+ (1920 x 2160 pixels @ 60 Hz)
픽셀 피치	0.1845 mm
컬러 이미징	지원
그레이 이미징	지원
비트 심도	30비트
시야각(H, V)	178°
병리 설정	지원
색 영역대 NTSC	80.3%
색 영역대 sRGB	112%
sRGB Delta E2000 (일반)	< 3(평균) < 5(최대)
래피드프레임	지원
주변 광원 미리 설정	예, 판독실 선택
전면 센서	일정한 전면 센서
최대 휘도(패널 일반)	500 cd/m <sup>2</sup>
DICOM 보정 휘도	300 cd/m <sup>2</sup>
명암비(일반 패널)	1000:1
응답 시간((Tr + Tf)/2)(일반)	9.8 ms
하우징 컬러	블랙(RAL 9004)/화이트(RAL 9003)
비디오 입력 신호	DisplayPort 1.4 2개
비디오 출력 신호	디스플레이포트(MST) 1개
USB 포트	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
전력 등급	24 Vdc, 8.3 A
전원 요구 사항	이 기기는 의료용으로 승인된 Adapter Tech., 타입 ATM200T-P240 전원 공급 장치를 사용하여 작동해야 합니다. <ul style="list-style-type: none"> <li>■ 입력: 100-240 Vac, 50-60Hz, 2.5-0.9 A</li> <li>■ 출력: 24Vdc, 8.3A</li> </ul>
소비전력	45.5 W(공칭) < 0.35 W(최대 절전 모드) < 0.35 W(꺼짐)
스탠드 포함 치수(W x H x D)	743 x 518~618 x 238 mm
스탠드 제외 치수(W x H x D)	743 x 459 x 63 mm
패키지 크기(W x H x D)	898 x 752 x 358 mm
스탠드가 있는 순중량	13 kg
스탠드 미장착 시 순중량	8.4 kg
포장된 상태의 순 중량	21 kg(선택 사항 액세서리 제외)
기울기	-5°~+25°
회전	-30°~+30°
피벗	해당 없음
높이 조정 범위	100 mm
장착 표준	VESA(100 mm)
화면 보호	해당 없음
권장 양식	디지털 유방조영술을 제외한 모든 디지털 이미지.

## 기술 사양

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인증	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
제공되는 액세서리	사용 설명서 빠른 설치 시트 문서 디스크 시스템 시트 비디오 케이블 메인 케이블 USB 케이블 외부 전원 공급 장치
옵션 액세서리	디스플레이 컨트롤러 터치 패드
QA 소프트웨어	QAWeb Enterprise
보증	3년
작동 온도	0°C~35°C(20°C~30°C 사양 내)
보관 온도	-20 °C ~ +60 °C
작동 습도	8 % to 80 % (non-condensing)
보관 습도	5%-85%(비응축)
작동 압력	70 kPa
보관 압력	50-106 kPa

### 작성일: 19 Jun 2026

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