

# 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.

## 技术规格

## EONIS COLOR 8MP (MDRC-8132) MKII

### 一般规格

屏幕技术	IPS
显示区域屏幕大小 (对角线)	812.80 毫米 (32.0 英寸)
显示区域屏幕大小 (水平 x 垂直)	708.48 x 398.52 毫米 (27.9 x 15.7 英寸)
纵横比 (H:V)	16:9
分辨率	Native 8MP (3840 x 2160 pixels @ 60 Hz) Configurable to 2x 4MP+ (1920 x 2160 pixels @ 60 Hz)
像素间距	0.1845 毫米
彩色成像	是
灰度成像	是
位深度	30 位
视角 (H, V)	178°
病理设置	是
色域 NTSC	80.3%
色域 sRGB	112%
sRGB Delta E2000 (标准)	< 3 (平均) < 5 (最大)
RapidFrame	是
环境光预设	是, 阅片室选择
前传感器	是, 正面浓度传感器
最大亮度 (面板典型值)	500 cd/平方米
DICOM 校准光源	300 cd/m <sup>2</sup>
对比度 (面板典型值)	1000:1
响应时间 ((tR+TF)/2) (典型值)	9.8 毫秒
外壳颜色	黑色 (RAL 9004) / 白色 (RAL 9003)
视频输入信号	2 个 DP 1.4 接口
视频输出信号	1 个 DP 接口 (MST)
USB 端口	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
额定功率	24 伏直流电, 8.3 安
电源要求	本设备只能由 Adapter Tech. 提供的获医用批准的电源供电, 类型 ATM200T-P240: ■ 输入: 100-240 Vac, 50-60 Hz, 2.5-0.9 A ■ 输出: 24 Vdc, 8.3 A
功耗	45.5 W (额定) < 0.35 W (休眠) < 0.35 W (关闭)
带支架尺寸 (宽 x 高 x 深)	743 x 518-618 x 238 毫米
不含支架的尺寸 (宽 x 高 x 深)	743 x 459 x 63 毫米
包装尺寸 (宽 x 高 x 深)	898 x 752 x 358 毫米
带支架净重	13 Kg
无支架包装净重	8.4 Kg
包装净重	21 kg (无可选附件)
倾斜	-5° 至 +25°
旋转	-30° 至 +30°
转动	不适用
高度调节范围	100 毫米
安装标准	VESA (100 毫米)
屏幕保护	N/A
推荐模式	所有数字图像, 数字乳房 X 光检查除外。

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认证	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
随附配件	用户指南 快速安装单 文档光盘 系统表 视频线 电源线 USB 线 外接电源
可选配件	显示控制器 触摸板
QA 软件	QAWeb Enterprise
保修政策	3 年
运行温度	0 °C 至 35 °C (20 °C 至 30 °C, 在规范内)
存储温度	-20 °C 至 +60 °C
工作湿度	8 % to 80 % (non-condensing)
储存湿度	5% -85% (非冷凝)
工作压力	70 kPa
存储压力	50 -106 kPa

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