

Eonis 3D (MDRC-8127)

Glasses-free medical 3D display



- **Autostereoscopic 3D with advanced eye-tracking & lenticular lens projection**
- **4K resolution on standard-size 27" screen**
- **Effortless switching between 2D & 3D for any task**
- **DICOM-compatible, Class 1 medical-grade display**
- **Remote QA management tools**

Discover the world's first glasses-free, medical 3D display

Revolutionize medical visualization across patient consultations, surgical planning, and medical education with Eonis 3D, Barco's pioneering 3D monitor solution. This groundbreaking technology delivers uncompromised glasses-free 3D imaging, providing you with unprecedented depth perception and easy spatial understanding.

All-in-one versatility for any workflow

Eonis 3D comes in a comfortable, standard 27" size – perfect for any desk. And without the need for special eyewear, Eonis 3D renders complex anatomical structures with exceptional clarity and true depth, allowing for intuitive interpretation of pathologies.

Remote QA management

A Class 1 medical device, Eonis 3D integrates seamlessly with existing PACS and imaging platforms while its ergonomic design supports eye comfort during extended viewing sessions. Advanced calibration through its front sensor and integration with QAWeb Enterprise software maintains consistent image quality across the entire display, during its entire lifespan.

Medical-grade reliability & longevity

Experience transformative visualization that helps to improve patient opt-in rates, enhance surgical preparation, and accelerate learning curves for residents and students!

技术规格

EONIS 3D (MDRC-8127)

一般规格	
屏幕技术	IPS
显示区域屏幕大小（对角线）	684 mm (26.96")
显示区域屏幕大小（水平 x 垂直）	597 x 336 mm (23.49 x 13.22")
纵横比 (H:V)	16:9
分辨率	8MP (3840 x 2160 pixels @ 60 Hz)
像素间距	0.1554 mm
彩色成像	Yes
灰度成像	Yes
位深度	30 bit
视角 (H, V)	178°
SteadyGray	N/A
SteadyColor	N/A
病理设置	Yes
色域 NTSC	82%
色域 sRGB	99%
sRGB Delta E2000（标准）	Average: < 3 Max: < 5
环境光预设	Yes, reading room selection
前传感器	Yes, Front Consistency Sensor
最大亮度（面板典型值）	330 cd/m ²
DICOM 校准光源	250 cd/m ²
对比度（面板典型值）	1000:1
响应时间 ((tR+TF)/2)（典型值）	14 ms
外壳颜色	Black (RAL 9004) / White (RAL 9003)
视频输入信号	2x DisplayPort 1.4 1x USB-C 3.2 DisplayPort Alt Mode
视频输出信号	1x DisplayPort 1.4 (MST)
USB 端口	Upstream: 2x USB-B 2.0 1x USB-C 3.2 (DisplayPort Alt Mode, Power Delivery up to 100W) Downstream: 2x USB-A 2.0 1x USB-C 2.0 (side of the display, Power Delivery up to 7.5W)
LAN/RJ45 ports	1x 1GbE
额定功率	100-240 Vac, 50/60 Hz, 2.5-0.9 A USB-C output: 5VDC 3A, 9VDC 5A, 15VDC 5A, 20V 5A USB-C output (side): 5VDC 1.5A
电源要求	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
功耗	35 W (nominal) < 0.5 W (hibernate) < 0.3 W (switched off)
带支架尺寸（宽 x 高 x 深）	Landscape: 624 x 479~579 x 225 mm
不含支架的尺寸（宽 x 高 x 深）	Landscape: 624 x 386 x 66 mm
包装尺寸（宽 x 高 x 深）	755 x 285 x 570 mm
带支架净重	10,6 kg
无支架包装净重	7.6 kg
包装净重	15 kg (without optional accessories)
倾斜	-5° to +25°
旋转	-30° to +30°
转动	N/A
高度调节范围	100 mm
安装标准	VESA (100 mm)
屏幕保护	N/A
推荐模式	All digital images, except digital mammography.

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认证	CE (Medical Device) FDA Class I 510(k) exempt CCC (China) KC (Korea) INMETRO (Brazil) BIS (India) UKCA (UK) 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) Environmental: EU RoHS, China RoHS, REACH, Canada Health, WEEE, Packaging Directive
随附配件	User Guide Quick Install Sheet Documentation disc Video cables Mains cables USB cable
QA 软件	QAWeb Enterprise
保修政策	3 years
运行温度	0 °C to 35 °C (20 °C to 30 °C within specs)
存储温度	-20 °C to +60 °C
工作湿度	20 % to 80 % (non-condensing)
储存湿度	10 % to 85 % (non-condensing)
工作压力	70 kPa
存储压力	50 to 106 kPa

生成于：03 Dec 2025

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