

MDPE-8127

27" 8MP, ultra-high definition display, cleared for digital pathology



- 27-inch 8MP display designed for routine whole-slide image review
- Calibrated color, screen uniformity and stable image presentation
- Integrated front and ambient-light sensing
- Multiple video inputs, USB-C connectivity and KVM switching
- QAWeb Enterprise readiness for scalable display quality management

A practical entry point into digital pathology

MDPE-8127 is a purpose-designed 27-inch 8MP display for laboratories starting or expanding digital pathology. It combines essential image quality, practical workstation connectivity and quality assurance readiness in a familiar format that supports routine whole-slide image review.

Essential image confidence for everyday review

Get the clarity and consistency needed for digital pathology with 8MP resolution, calibrated color, and uniformity correction. These features help ensure reliable review of whole-slide images across primary, shared, and routine workstations.

Flexible integration for evolving workflows

Connect existing and new computer sources using multiple video inputs, including USB-C DisplayPort Alt Mode. KVM switching and USB connectivity allow a keyboard, mouse and connected devices to be shared across sources, helping keep transitional or multi-source workstations straightforward.

Quality management that grows with your laboratory



Integrated front and ambient-light sensing support stable image presentation and repeatable viewing settings. QAWeb Enterprise readiness gives labs a path toward centralized calibration and display quality management as the number of digital workstations and locations grows.

A comfortable fit for everyday workspaces

The standard 27-inch 16:9 format fits established pathology desks. Height adjustment, tilt, swivel and VESA mounting provide flexibility for different users and installation requirements, making the display easier to standardize across workstations and sites.

*This product is currently not yet cleared for commercial distribution.

技术规格

MDPE-8127

一般规格	
屏幕技术	IPS LCD with LED backlight
显示区域屏幕大小（对角线）	685 mm (27")
显示区域屏幕大小（水平 x 垂直）	597 x 336 mm (23.5 x 13.2")
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°
均匀度校正	ULT
SteadyColor	Yes, with QAWeb Enterprise
色域 NTSC	85%
色域 sRGB	100%
色域 DCI-P3	90%
sRGB Delta E2000（标准）	· Average: · Max:
环境光预设	Yes, reading room selection
环境光线传感器	Yes
前传感器	Yes, I-Guard
最大亮度（面板典型值）	700 cd/m ²
DICOM 校准光源	350 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
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)
KVM 切换器	Yes
额定功率	100-240 Vac, 50/60 Hz, 1.0-0.45 A
功耗	45 W (nominal) < 0.35 W (hibernate) < 0.3 W (switched off)
带支架尺寸（宽 x 高 x 深）	651 x 482~582 x 238 mm
不含支架的尺寸（宽 x 高 x 深）	651 x 390 x 66 mm
包装尺寸（宽 x 高 x 深）	820 x 712 x 310 mm
带支架净重	11.5 kg
无支架包装净重	6.9 kg
包装净重	18.6 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	The intended use of the display is documented in MDPE-8127_IntendedUse (REG-1733).

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认证	CE (In Vitro Diagnostic Medical Device) / UKCA CCC (China) / KC(South Korea) / INMETRO (Brazil) / NOM (Mexico) / UL & cUL (US & Canada) 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/A2:2022 · IEC 61010-1:2010+A1:2016 · EN 61010-1:2010+A1:2019 EMI specific: · IEC 60601-1-2:2014+A1:2020 (Ed.4.1) · EN 60601-1-2:2015+A1:2021 (Ed.4.1) · EN IEC 61326-2-6:2025 · IEC TS 60601-4-2:2024 · FCC part 15 Class B · ICES-001 Level B · VCCI (Japan) Environmental: EU RoHS, China RoHS, REACH, Canada Health, WEEE, Packaging Directive * Some of the listed certifications may still be pending. For the actual list of applicable certifications, please refer to the product page on www.barco.com or see the certification marks on the product label of your display.
随附配件	Quick start guide User guide Documentation disc System sheet Video cables Mains cables USB cable
可选配件	Display controller Touch pad
QA 软件	QAWeb Enterprise
保修政策	3 years, including 15,000 hrs backlight warranty
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	10% to 80% (non-condensing)
储存湿度	10% to 85% (non-condensing)
工作压力	70 kPa minimum
存储压力	50 to 106 kPa

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