

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.

Especificações técnicas**MDPE-8127****Especificações gerais**

Tecnologia de tela	IPS LCD with LED backlight
Tamanho de tela ativo (diagonal)	685 mm (27")
Tamanho de tela ativa (H x V)	597 x 336 mm (23.5 x 13.2")
Proporção de aspecto (H:V)	16:9
Resolução	8MP (3840 x 2160 pixels @ 60 Hz)
Distância entre pontos	0.1554 mm
Imagem a cores	Yes
Imagem cinza	Yes
Profundidade de bits	30 bit
Ângulo de visão (H, V)	178°
Correção de uniformidade	ULT
SteadyColor	Yes, with QAWeb Enterprise
Faixa de cor NTSC	85%
Faixa de cor sRGB	100%
Faixa de cor DCI-P3	90%
sRGB Delta E2000 (típica)	• Average: • Max:
Predefinições de luz ambiente	Yes, reading room selection
Sensor de luz ambiente	Yes
Sensor frontal	Yes, I-Guard
Luminância máxima (painel típico)	700 cd/m ²
Luminância calibrada DICOM	350 cd/m ²
Taxa de contraste (típica do painel)	1000:1
Tempo de resposta ((Tr + Tf)/2) (típico)	14 ms
Cor da carcaça	Black (RAL 9004) / White (RAL 9003)
Sinais de entrada de vídeo	2x DisplayPort 1.4 1x USB-C 3.2 DisplayPort Alt Mode
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)
Comutador KVM	Yes
Classificação elétrica	100-240 Vac, 50/60 Hz, 1.0-0.45 A
Consumo de energia	45 W (nominal) < 0.35 W (hibernate) < 0.3 W (switched off)
Dimensões com suporte (L x A x P)	651 x 482~582 x 238 mm
Dimensões sem base (L x A x P)	651 x 390 x 66 mm
Dimensões da embalagem (L x A x P)	820 x 712 x 310 mm
Peso líquido com suporte	11.5 kg
Peso líquido sem suporte	6.9 kg
Peso líquido na embalagem	18.6 kg (without optional accessories)
Inclinação	-5° to +25°
Rotação	-30° to +30°
Pivô	N/A
Faixa de ajuste de altura	100 mm
Padrão de montagem	VESA (100 mm)
Proteção de tela	N/A
Modalidades recomendadas	The intended use of the display is documented in MDPE-8127_IntendedUse (REG-1733).

Especificações técnicas

MDPE-8127

Certificações	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.
Acessórios fornecidos	Quick start guide User guide Documentation disc System sheet Video cables Mains cables USB cable
Acessórios opcionais	Display controller Touch pad
Software do controle de qualidade	QAWeb Enterprise
Garantia	3 years, including 15,000 hrs backlight warranty
Temperatura de operação	0 °C to 35 °C (20 °C to 30 °C within specs)
Temperatura de armazenamento	-20 °C to 60 °C
Umidade de operação	10% to 80% (non-condensing)
Umidade de armazenamento	10% to 85% (non-condensing)
Pressão operacional	70 kPa minimum
Pressão de armazenamento	50 to 106 kPa

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