

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.

Spécifications techniques

MDPE-8127

Spécifications générales

Technologie d'écran	IPS LCD with LED backlight
Taille de l'écran actif (diagonale)	685 mm (27")
Taille de l'écran actif (H x V)	597 x 336 mm (23.5 x 13.2")
Rapport d'aspect (H:V)	16:9
Résolution	8MP (3840 x 2160 pixels @ 60 Hz)
Pas de pixels	0.1554 mm
Imagerie couleur	Yes
Imagerie en niveaux de gris	Yes
Profondeur de bits	30 bit
Angle de vision (H, V)	178°
Correction d'uniformité	ULT
SteadyColor	Yes, with QAWeb Enterprise
Gamme des couleurs NTSC	85%
Gamme des couleurs sRGB	100%
Gamme des couleurs DCI-P3	90%
sRGB Delta E2000 (type)	• Average: • Max:
Préréglages de lumière ambiante	Yes, reading room selection
Capteur de lumière ambiante	Yes
Capteur avant	Yes, I-Guard
Luminance maximale (panneau typique)	700 cd/m²
Luminance calibrée DICOM	350 cd/m²
Rapport de contraste (panneau typique)	1000:1
Temps de réponse ((Tr + Tf)/2) (typique)	14 ms
Couleur du boîtier	Black (RAL 9004) / White (RAL 9003)
Signaux d'entrée vidéo	2x DisplayPort 1.4 1x USB-C 3.2 DisplayPort Alt Mode
Ports 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)
Commutateur KVM	Yes
Puissance nominale	100-240 Vac, 50/60 Hz, 1.0-0.45 A
Consommation électrique	45 W (nominal) < 0.35 W (hibernate) < 0.3 W (switched off)
Dimensions avec support (L x H x P)	651 x 482~582 x 238 mm
Dimensions sans support (L x H x P)	651 x 390 x 66 mm
Dimensions emballé (l x H x P)	820 x 712 x 310 mm
Poids net avec support	11.5 kg
Poids net sans support	6.9 kg
Poids net emballé	18.6 kg (without optional accessories)
Inclinaison	-5° to +25°
Orientation	-30° to +30°
Pivot	N/A
Plage de réglage de la hauteur	100 mm
Norme de montage	VESA (100 mm)
Protection d'écran	N/A
Modalités recommandées	The intended use of the display is documented in MDPE-8127_IntendedUse (REG-1733).

Spécifications techniques

MDPE-8127

Certifications	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.
Accessoires fournis	Quick start guide User guide Documentation disc System sheet Video cables Mains cables USB cable
Accessoires en option	Display controller Touch pad
Logiciel d'assurance qualité	QAWeb Enterprise
Garantie	3 years, including 15,000 hrs backlight warranty
Température de fonctionnement	0 °C to 35 °C (20 °C to 30 °C within specs)
Température de stockage	-20 °C to 60 °C
Humidité de fonctionnement	10% to 80% (non-condensing)
Humidité de stockage	10% to 85% (non-condensing)
Pression de service	70 kPa minimum
Pression de stockage	50 to 106 kPa

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