

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.

Product specificaties**MDPE-8127****Algemene specificaties**

Scherntechnologie	IPS LCD with LED backlight
Actieve schermgrootte (diagonaal)	685 mm (27")
Actieve schermgrootte (H x V)	597 x 336 mm (23.5 x 13.2")
Beeldverhouding (H:V)	16:9
Resolutie	8MP (3840 x 2160 pixels @ 60 Hz)
Pixelpitch	0.1554 mm
Kleurenbeeld	Yes
Grijsbeeld	Yes
Bitdiepte	30 bit
Kijkhoek (H, V)	178°
Uniformiteitscorrectie	ULT
SteadyColor	Yes, with QAWeb Enterprise
NTSC Kleurengamma	85%
Kleurengamma sRGB	100%
DCI-P3 Kleurengamma	90%
sRGB Delta E2000 (standaard)	• Average: • Max:
Voorinstellingen voor omgevingslicht	Yes, reading room selection
Sensor voor omgevingslicht	Yes
Sensor aan de voorkant	Yes, I-Guard
Maximale luminance (afhankelijk van het paneel)	700 cd/m ²
DICOM gekalibreerde luminantie	350 cd/m ²
Contrastverhouding (afhankelijk van het paneel)	1000:1
Reactietijd ((Tr + Tf)/2) (normaal)	14 ms
Kleur behuizing	Black (RAL 9004) / White (RAL 9003)
Video-ingangssignalen	2x DisplayPort 1.4 1x USB-C 3.2 DisplayPort Alt Mode
USB-poorten	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-schakelaar	Yes
Nominaal vermogen	100-240 Vac, 50/60 Hz, 1.0-0.45 A
Stroomverbruik	45 W (nominal) < 0.35 W (hibernate) < 0.3 W (switched off)
Afmetingen met standaard (B x H x D)	651 x 482~582 x 238 mm
Afmetingen zonder standaard (B x H x D)	651 x 390 x 66 mm
Afmetingen verpakt (B x H x D)	820 x 712 x 310 mm
Nettogewicht met standaard	11.5 kg
Nettogewicht zonder standaard	6.9 kg
Netto gewicht verpakt	18.6 kg (without optional accessories)
Kanteling	-5° to +25°
Zwenking	-30° to +30°
Scharnieren	N/A
Hoogteregelbereik	100 mm
Montagestandaard	VESA (100 mm)
Bescherming van het scherm	N/A
Aanbevolen modaliteiten	The intended use of the display is documented in MDPE-8127_IntendedUse (REG-1733).

Product specificaties

MDPE-8127

Certificeringen	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.
Meegeleverde accessoires	Quick start guide User guide Documentation disc System sheet Video cables Mains cables USB cable
Optionele accessoires	Display controller Touch pad
QA-software	QAWeb Enterprise
Garantie	3 years, including 15,000 hrs backlight warranty
Temperatuur tijdens gebruik	0 °C to 35 °C (20 °C to 30 °C within specs)
Opslagtemperatuur	-20 °C to 60 °C
Luchtvochtigheid tijdens gebruik	10% to 80% (non-condensing)
Luchtvochtigheid bij opslag	10% to 85% (non-condensing)
Werkdruk	70 kPa minimum
Opslagdruk	50 to 106 kPa

Laatst bijgewerkt: 09 Sep 2026

© 2026 Barco nv. Alle rechten voorbehouden. Gehele of gedeeltelijke reproductie zonder schriftelijke toestemming is verboden. Alle merknamen en productnamen zijn handelsmerken, geregistreerde handelsmerken of handelsnamen van hun respectieve houders. Als gevolg van voortdurende innovatie kunnen informatie en technische specificaties zonder voorafgaande kennisgeving worden gewijzigd. Controleer www.barco.com voor de nieuwste specificaties.