

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.

기술 사양

MDPE-8127

일반 사양	
스크린 기술	IPS LCD with LED backlight
활성 화면 크기(대각선)	685 mm (27")
활성 화면 크기(H x V)	597 x 336 mm (23.5 x 13.2")
종횡비(H:V)	16:9
해상도	8MP (3840 x 2160 pixels @ 60 Hz)
픽셀 피치	0.1554 mm
컬러 이미징	Yes
그레이 이미징	Yes
비트 심도	30 bit
시야각(H, V)	178°
균일성 보정	ULT
SteadyColor	Yes, with QAWeb Enterprise
색 영역대 NTSC	85%
색 영역대 sRGB	100%
색 영역대 DCI-P3	90%
sRGB Delta E2000 (일반)	• Average: • Max:
주변 광원 미리 설정	Yes, reading room selection
주변 광원 센서	Yes
전면 센서	Yes, I-Guard
최대 휘도(패널 일반)	700 cd/m ²
DICOM 보정 휘도	350 cd/m ²
명암비(일반 패널)	1000:1
응답 시간((Tr + Tf)/2)(일반)	14 ms
하우징 컬러	Black (RAL 9004) / White (RAL 9003)
비디오 입력 신호	2x DisplayPort 1.4 1x USB-C 3.2 DisplayPort Alt Mode
USB 포트	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 스위치	Yes
전력 등급	100-240 Vac, 50/60 Hz, 1.0-0.45 A
소비전력	45 W (nominal) < 0.35 W (hibernate) < 0.3 W (switched off)
스탠드 포함 치수(W x H x D)	651 x 482~582 x 238 mm
스탠드 제외 치수(W x H x D)	651 x 390 x 66 mm
패키지 크기(W x H x D)	820 x 712 x 310 mm
스탠드가 있는 순중량	11.5 kg
스탠드 미장착 시 순중량	6.9 kg
포장된 상태의 순 중량	18.6 kg (without optional accessories)
기울기	-5° to +25°
회전	-30° to +30°
피벗	N/A
높이 조정 범위	100 mm
장착 표준	VESA (100 mm)
화면 보호	N/A
권장 양식	The intended use of the display is documented in MDPE-8127_IntendedUse (REG-1733).

기술 사양

MDPE-8127

인증	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.
제공되는 액세서리	Quick start guide User guide Documentation disc System sheet Video cables Mains cables USB cable
옵션 액세서리	Display controller Touch pad
QA 소프트웨어	QAWeb Enterprise
보증	3 years, including 15,000 hrs backlight warranty
작동 온도	0 °C to 35 °C (20 °C to 30 °C within specs)
보관 온도	-20 °C to 60 °C
작동 습도	10% to 80% (non-condensing)
보관 습도	10% to 85% (non-condensing)
작동 압력	70 kPa minimum
보관 압력	50 to 106 kPa

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