

# MDPC-8127

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



- Unprecedented visual richness and color confidence
- Clear images and greater visible slide area, at all magnifications
- Effortless panning and zooming with minimal blurring
- Constant, stable image quality with automated color calibration

Meet MDPC-8127, our ultra-high definition medical grade display designed exclusively for digital pathology. With regulatory clearances for use in digital pathology including primary diagnosis, it's the first display that you can confidently integrate into your digital pathology workflow with multiple whole slide imaging systems.\* Work with superior imaging technology and analyze your histological samples confidently, with unprecedented visual richness.

\*In the USA the MDPC-8127 can be used with WSI scanners and viewing software that have been validated for use with the display. The device may be used for primary diagnosis in the following validated FDA-cleared WSI systems and digital pathology viewing software:

- Philips Intellisite Pathology Solution with Philips Image Management System viewing software

Philips Intellisite Pathology Solution with Philips Image Management System viewing software

- Philips Intellisite Pathology Solution with Paige.AI Inc. FullFocus DX viewing software

Philips Intellisite Pathology Solution with Paige.AI Inc. FullFocus DX viewing software



- Leica Aperio AT2 DX System with ImageScope DX viewing software

Leica Aperio AT2 DX System with ImageScope DX viewing software

- Leica Aperio AT2 DX scanner with Sectra Digital Pathology Module

Leica Aperio AT2 DX scanner with Sectra Digital Pathology Module

- Hamamatsu NanoZoomer S360MD slide scanner system

**Product specificaties****MDPC-8127**

General specifications	
Schermt technologie	IPS LCD with LED backlight
Actief schermformaat (diagonaal)	684 mm (27")
Formaat actief scherm (H x V)	569 x 335 mm (22.4 x 13.2")
Beeldverhouding (H:V)	16:9
Resolutie	8MP (3840 x 2160 pixels @ 120 Hz)
Pixelpitch	0,155 mm
Beeldkleur	Yes
Grijsbeeldvorming	Yes
Bit depth	10 bit (1.07 billion possible colors)
Kijkhoek (H, V)	178°
Uniformity correction	PPU
Steady Color	Yes, with QAWeb Enterprise
Color gamut NTSC	115% (typical)
Color gamut sRGB	132% (typical)
Color gamut DCI-P3	105% (typical)
sRGB Delta E2000 (typical)	< 1 (average) < 3 (maximum)
Voorgeprogrammeerde instellingen voor omgevingslicht	Yes, reading room selection
Ambient light sensor	Yes
Voorsensor	Yes, I-Guard
Maximale luminantie (paneel standaard)	850 cd/m <sup>2</sup>
DICOM-gekalibreerde luminescentie	450 cd/m <sup>2</sup>
Contrastverhouding (paneel standaard)	1000:1
Reactietijd ((stijgtijd + valtijd)/2) (standaard)	8 ms
Kleur behuizing	Black / White
Video-ingangssignalen	2x DisplayPort 1.2
USB-poorten	1x USB 2.0 upstream (endpoint) 2x USB 2.0 downstream
Power rating	100-240 Vac, 50/60 Hz, 3.6-1.6 A
Energieverbruik	75 W (nominal) @ calibrated luminance of 450 cd/m <sup>2</sup> < 0.5 W (hibernate) < 0.5 W (standby)
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)	800 x 650 x 295 mm
Nettogewicht met standaard	12.5 kg
Nettogewicht zonder standaard	7.9 kg
Nettogewicht verpakt	17.4 kg (without optional accessories)
Kanteling	-5° to +25°
Zwenking	-30° to +30°
Roteren	N/A

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Hoogteregelbereik	100 mm
Montagestandaard	VESA (100 mm)
Bescherming van het scherm	Anti-Glare coating
Aanbevolen procedures	Digital Pathology and Whole Slide Imaging
Certificeringen	CE0123 (Medical Device) FDA 510(k) K203364 CCC (China) Safety specific: IEC 60950-1:2005 + A1:2009 + A2:2013 EN 60950-1:2006 + A1:2010 + A11:2009 + A12:2011 + A2:2013 IEC 60601-1:2005 + A1:2012 EN 60601-1:2006 + A1:2013 + A12:2014 ANSI/AAMI ES 60601-1:2005 + R1:2012 CAN/CSA C22.2 No. 60601-1:2014 EMI specific: IEC 60601-1-2:2014 (ed.4) EN 60601-1-2:2015 (ed.4) FCC part 15 Class B ICES-001 Level B VCCI Environmental: China Energy Label, EU RoHS, China RoHS, REACH, Canada Health, WEEE, Packaging Directive
Meegeleverde accessoires	User guide Documentation disc Video cables Mains cables USB cable Barco Touchpad
Optionele accessoires	MXRT display controller
Software voor kwaliteitsgarantie	QAWeb Enterprise
Garantie	5 years, including 20000 hrs backlight warranty
Bedrijfstemperatuur	0 °C to 35 °C (20 °C to 30 °C within specs)
Opslagtemperatuur	-20 °C to 60 °C
Vochtigheid in bedrijf	8% to 80% (non-condensing)
Vochtigheid bij opslag	5% to 85% (non-condensing)
Bedrijfsdruk	50 kPa minimum
Opslagdruk	50 to 106 kPa

**Laatst bijgewerkt: 23 Apr 2024**

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