

MDPC-8127

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



- **Visual richness and color confidence**
- **Panning and zooming with minimal blurring**
- **Stable image quality & automated 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

- Leica Aperio GT 450 DX scanner with Aperio WebViewer DX

Leica Aperio GT 450 DX scanner with Aperio WebViewer DX

- Hamamatsu NanoZoomer S360MD slide scanner system

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 ² |
| DICOM-gekalibreerde luminescentie | 450 cd/m ² |
| 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 ² < 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) |

Product specificaties**MDPC-8127**

| | |
|----------------------------------|---|
| Kanteling | -5° to +25° |
| Zwenking | -30° to +30° |
| Roteren | N/A |
| 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 |

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