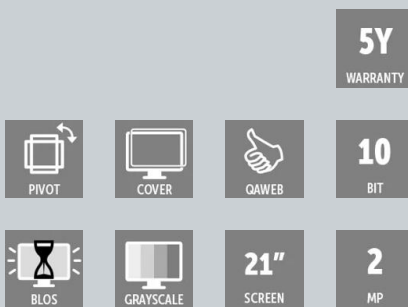


# Nio 2MP (MDNG-2121)

2 MegaPixel diagnostic grayscale display system



Nio is a flexible, industry-standard display solution for diagnostic imaging. The Nio 2MP provides image crispness and an excellent viewing angle in a 1600 x 1200 resolution.

## High-quality imaging

The Nio 2MP brings high brightness, exceptional crispness and an excellent viewing angle to your readings. Backlight Output Stabilization (BLOS) technology guarantees fast power-up and continuously stabilizes the luminance output of the LCD's backlight.

## Fully transparent calibration and QA

Barco's Nio 2MP is bundled with MediCal QAWeb for automated DICOM calibration, Quality Assurance, display asset management, problem solving and reporting, guaranteeing maximum diagnostic confidence and uptime of your PACS display systems.

## The Nio 2MP display system includes:

- A 2 MegaPixel flat panel display
- MediCal QAWeb software for automated calibration and Quality Assurance
- A high-speed, high-performance display controller: check the compatibility matrix

**Product specificaties****NIO 2MP (MDNG-2121)****General specifications**

|                                                  |                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Schermt technologie                              | TFT AM LCD Dual Domain IPS                                                                                                                                                                                                                                                                                                             |
| Actief schermformaat (diagonaal)                 | 541 mm (21.3")                                                                                                                                                                                                                                                                                                                         |
| Formaat actief scherm (H x V)                    | 432 x 324 mm (17.0 x 12.8")                                                                                                                                                                                                                                                                                                            |
| Beeldverhouding (H:V)                            | 4:3                                                                                                                                                                                                                                                                                                                                    |
| Resolutie                                        | 2MP (1600 x 1200)                                                                                                                                                                                                                                                                                                                      |
| Pixelpitch                                       | 0.2700 mm                                                                                                                                                                                                                                                                                                                              |
| Beeldkleur                                       | No                                                                                                                                                                                                                                                                                                                                     |
| Grijsbeeldvorming                                | Yes                                                                                                                                                                                                                                                                                                                                    |
| Aantal grijswaarden (LUT in/LUT uit)             | 1024 grey levels (10/12)                                                                                                                                                                                                                                                                                                               |
| Kijkhoek (H, V)                                  | 170°                                                                                                                                                                                                                                                                                                                                   |
| Uniform Luminance Technology (ULT)               | Yes                                                                                                                                                                                                                                                                                                                                    |
| Per Pixel Uniformity (PPU)                       | No                                                                                                                                                                                                                                                                                                                                     |
| Omgevingslichtcompensatie (OLC)                  | No                                                                                                                                                                                                                                                                                                                                     |
| Backlight Output Stabilization Technology (BLOS) | Yes                                                                                                                                                                                                                                                                                                                                    |
| I-Guard                                          | No                                                                                                                                                                                                                                                                                                                                     |
| Maximale luminantie                              | 1650 cd/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                 |
| DICOM-gekalibreerde luminantie (ULT uit)         | 500 cd/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                  |
| Contrastverhouding (ULT uit)                     | 850:1                                                                                                                                                                                                                                                                                                                                  |
| Reactietijd (stijgtijd + valtijd)                | 23 ms                                                                                                                                                                                                                                                                                                                                  |
| Video-ingangssignalen                            | DVI-D Dual Link                                                                                                                                                                                                                                                                                                                        |
| USB-poorten                                      | 1 upstream (endpoint), 2 downstream                                                                                                                                                                                                                                                                                                    |
| USB-standaard                                    | 2.0                                                                                                                                                                                                                                                                                                                                    |
| Stroomverbruik (nominaal)                        | 65W                                                                                                                                                                                                                                                                                                                                    |
| Energiebesparingsmodus                           | Yes                                                                                                                                                                                                                                                                                                                                    |
| Afmetingen met standaard (B x H x D)             | Portrait: 382 x 577~637 x 249 mm<br>Landscape: 488 x 472~532 x 249 mm                                                                                                                                                                                                                                                                  |
| Afmetingen zonder standaard (B x H x D)          | Portrait: 382x 488 x 114 mm<br>Landscape: 488 x 382 x x 114 mm                                                                                                                                                                                                                                                                         |
| Nettogewicht met standaard                       | 12.1 kg                                                                                                                                                                                                                                                                                                                                |
| Montagestandaard                                 | VESA (100 mm)                                                                                                                                                                                                                                                                                                                          |
| Bescherming van het scherm                       | Protective, non-reflective PMMA cover                                                                                                                                                                                                                                                                                                  |
| Aanbevolen procedures                            | CT, MR, US, DR, CR, NM, Film                                                                                                                                                                                                                                                                                                           |
| Certificeringen                                  | UL 60601-1 1ST EDITION, CAN/CSA-C22.2 NO. 601.1-M90, IEC 60601-1 2ND ED:1988 + A1:1991 + A2:1995, IEC 60950-1:2001 1ST EDITION, CE -2004/108/EC, CE -93/42/EC, A1:2007/47/EC CLASS IIB, DEMKO -EN 60601-1, CCC - GB9254-2008 + GB4943-2001 + GB17625.1-2003, BSMI -CNS13438(95) + CNS14336(94), KCC, FCC class B, VCCI, FDA 510K, Rohs |
| Meegeleverde accessoires                         | Getting Started Guide<br>Quick-Installation Sheet<br>Video cable (DVI Dual Link)<br>Main cables (UK, European (CEBEC/KEMA), USA (UL/CSA; adaptor plug NEMA 5-15P), Chinese (CCC))<br>USB 2.0 cable<br>External power supply                                                                                                            |
| Optionele accessoires                            | NA                                                                                                                                                                                                                                                                                                                                     |
| Software voor kwaliteitsgarantie                 | MediCal QAWeb                                                                                                                                                                                                                                                                                                                          |
| Garantie                                         | 5 years                                                                                                                                                                                                                                                                                                                                |

**Laatst bijgewerkt: 08 Jul 2024**

© 2024 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](http://www.barco.com) voor de nieuwste specificaties.