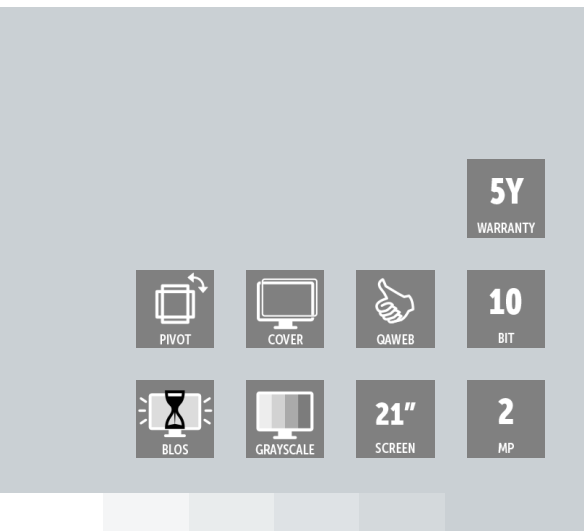


Nio 2MP (MDNG-2121)

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

TECHNISCHE SPECIFICATIES**NIO 2MP (MDNG-2121)**

Schermttechnologie	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 ²
DICOM-gekalibreerde luminantie (ULT uit)	500 cd/m ²
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 Landscape: 488 x 472~532 x 249 mm
Afmetingen zonder standaard (B x H x D)	Portrait: 382x 488 x 114 mm 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 Quick-Installation Sheet Video cable (DVI Dual Link) Main cables (UK, European (CEBEC/KEMA), USA (UL/CSA; adaptor plug NEMA 5-15P), Chinese (CCC)) USB 2.0 cable External power supply
Optionele accessoires	NA
Software voor kwaliteitsgarantie	MediCal QAWeb
Garantie	5 years

Last updated: 24 Feb 2021

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.