

Nio 2MP LED (MDNG-2120)

2 MegaPixel diagnostic grayscale display system



Nio 2MP LED brings high brightness, exceptional crispness, and an excellent viewing angle to your readings in a 1600x1200 resolution. LED specific uniformity correction (ULT-LED) technology guarantees consistent image quality from center to corner during the entire display lifetime. Ambient light correction presets can be selected to compensate for any loss of details caused by ambient light.

Intervention-free Quality Assurance

Barco's Nio 2MP LED 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.

Lowest cost of ownership

Because Nio 2MP LED is power-efficient, the display produces less heat and requires less cooling, which impacts maintenance and operational costs. Additionally, the LED backlights offer a long lifetime -even at high brightness -providing an excellent return on your investment. DICOM quality at its calibrated luminance is guaranteed for 20,000 hours! The display comes with a 3-year warranty.

This product is only available in China.

Product specifications**NIO 2MP LED (MDNG-2120)****General specifications**

Screen technology	TFT AM Color LCD IPS
Backlight	LED
Active screen size (diagonal)	511 mm (20.1")
Active screen size (H x V)	408 x 306 mm
Aspect ratio (H:V)	4:3
Resolution	2MP (1600 x 1200)
Pixel pitch	0.255 mm
Color imaging	No
Gray imaging	Yes
Gray imaging	10 bit
Viewing angle (H, V)	170°
Front sensor	Yes
Uniformity Technology	Yes
Ambient Light Compensation (ALC)	Via MediCal QAWeb
Backlight Output Stabilization (BLOS)	Yes
Maximum luminance	700 cd/m ²
DICOM calibrated luminance	500 cd/m ²
Contrast ratio (ULT off)	1000:1
Response time (Tr + Tf)	30 ms
Video input signals	DVI-D Dual Link, DisplayPort
USB ports	1 upstream (endpoint), 2 downstream
USB standard	2.0
Power consumption (nominal)	30W nominal, 0.5W stand by
Dimensions with stand (W x H x D)	Portrait: 382 x 529~589 x 250 mm Landscape: 448 x 475~535 x 250 mm
Dimensions w/o stand (W x H x D)	Portrait: 382 x 488 x 114.2 mm Landscape: 488 x 382 x 114.2 mm
Pallet dimensions (W x H)	510 x 330 mm depth: 693 mm
Net weight with stand	10.67 kg
Packaged weight	14.15 kg
Recommended modalities	CT, MR, US, DR, CR, NM
Certifications	CCC
Supplied accessories	Getting started guide, Quick-Installation Sheet, Video cable (DP cable), Main cables Chinese (CCC), USB 2.0 cable, External power supply + Chinese
QA software	MediCal QAWeb
Warranty	3 years, 20000 hours BL

Last updated: 04 Jul 2024

© 2024 Barco nv. All rights reserved. Reproduction in whole or in part without written permission is prohibited. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Due to continued innovation, information and technical specifications are subject to change without prior notice. Please check www.barco.com for the latest specifications.