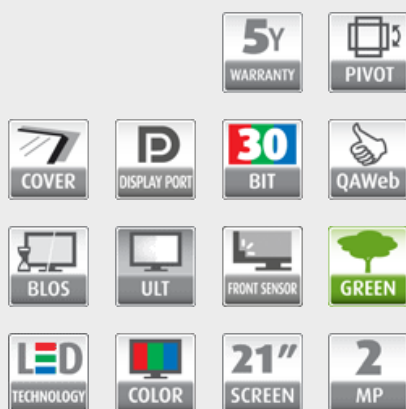


Nio Color 2MP LED (MDNC-2221)

2MP high-bright color display system



Nio Color 2MP LED is a 2 MegaPixel color display system with LED backlights, providing excellent image quality for confident diagnoses. Nio Color 2MP LED provides an effective display solution for a multitude of applications and modalities, including 3D PACS, 3D echo, ultrasound, orthopedic imaging, CAD, image fusion, nuclear medicine and PET.

Confident color reading

Equipped with high-bright LED backlights, Nio Color 2MP LED delivers excellent brightness and more shades of gray to detect subtle details more quickly. The unique front-of-screen sensor ensures you see consistent and precise images at all times for confident diagnoses.

On-demand image quality checks

The front-of-screen sensor on Nio Color 2MP LED, which works seamlessly with Barco's online MediCal QAWeb solution for automated Quality Assurance and on-demand calibration, makes sure you are viewing perfect DICOM images.

An excellent investment

The Nio Color 2MP LED is as low in power consumption as it is high in brightness. Because it uses less power, 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.

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Product specifications**Nio Color 2MP LED (MDNC-2221)**

Screen technology	TFT AM Color LCD IPS
Backlight	LED
Active screen size (diagonal)	540 mm (21.3")
Active screen size (H x V)	432 x 324 mm (17.0 x 12.8")
Aspect ratio (H:V)	4:3
Resolution	2MP (1600 x 1200)
Pixel pitch	0.27 mm
Color imaging	Yes
Gray imaging	Yes
Color support	30 bit
Viewing angle (H, V)	178°
Front sensor	Yes
Uniform Luminance Technology (ULT)	Yes
Ambient Light Compensation (ALC)	No
Backlight Output Stabilization (BLOS)	Yes
Maximum luminance	800 cd/m ²
DICOM calibrated luminance	400 cd/m ²
Contrast ratio (ULT off)	1400:1
Response time (Tr + Tf)	20 ms
Video input signals	DVI-D Dual Link, DisplayPort
USB ports	1 upstream (endpoint), 2 downstream
USB standard	2.0
Power consumption (nominal)	36W
Power save mode	Yes
Dimensions with stand (W x H x D)	Portrait:378x528~628x235mm/Landscape:491x472~572x235mm
Dimensions w/o stand (W x H x D)	Portrait:378x491x84mm/Landscape:491x378x84mm
Net weight with stand	12.6 kg (with protective cover)
Mounting standard	VESA (100 mm)
Pivot hardware	90°
Screen protection	Protective, non-reflective glass cover
Recommended modalities	CT, MR, US, DR, CR, NM, Film
Certifications	CE0120 (MDD 93/42/EEC; A1:2007/47/EC class II b product), CE - 2004/108/EC, IEC 60950-1:2005 + A1:2009 (2ND EDITION), IEC 60601-1:2005 + A1:2012, ANSI/AAMI ES 60601-1:2005 + C1:2009 + A1:2012, CAN/CSAC22.2 No. 60601-1(2008), DEMKO - EN 60601-1:2006, EN 60601-1-2:2007, CCC - GB9254-2008 + GB4943.1-2011 + GB17625.1-2003, KCC pending, VCCI, FCC class B, ICES-001 Level B, FDA 510(k), RoHS
Supplied accessories	Getting Started Guide, Quick-Installation Sheet /Video cable (DVI Dual Link), USB 2.0 cable, DisplayPort cable /Main cables (UK, European (CEBEC/KEMA), USA (UL/CSA; adaptor plug NEMA 5-15P), Chinese (CCC))/External power supply
QA software	MediCal QAWeb
Warranty	5 years

Last updated: 03 sep 2015
Technical specifications are subject to change without prior notice.
Please check www.barco.com for the latest information.

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