Nio Color 2MP HE (MDNC-2221 HE)

2MP display for the dental practice (room class 6)

PIVOT	WIDE VIEW	DISPLAYPORT	30 BIT
2Y WARRANTY	DIN QAWEB	BLOS	ULT
FRONT SENSOR	ALC PRESETS	21" SCREEN	2 MP
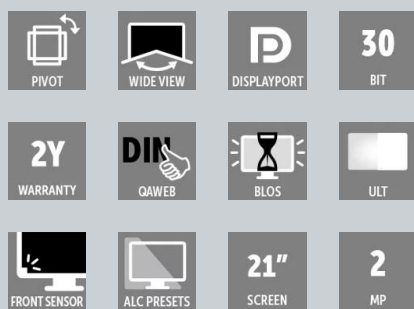
Barco's Nio Color 2MP has everything it takes for your dental practice: a professional, sleek design for the best viewing ergonomics and full compliance with the DIN 6868-157 standard. Your benefits? Incredibly precise images, automated calibration (thanks to MediCal QAWeb), and a lifetime that is 10 times longer than that of a commercial display thanks to the high-quality LED backlights.

Smiling bright

Nio Color 2MP is fully compliant with the latest DIN standards thanks to MediCal QAWeb and the Nio front sensor that work wonderfully together to ensure automated DICOM calibration and internal image stabilization. That's exactly how it provides the crisp, high-contrast detail you need for fast, more effective viewing of dental images. The result? Consistent, stable and bright images at all times, even in brightly-lit treatment rooms!

Combined with the benefits of a centrally managed, fully integrated and automated DICOM QA and reporting -removing the need for manual compliance and calibration -Nio Color 2MP puts a smile on your face while you take care of that of your patients.

Barco's dental practice package includes:

A Nio Color 2MP display with unique front sensor, an additional LCD sensor for automated ambient light control, all bundled with Barco's MediCal QAWeb software optimized for the new DIN standard.

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Product specifications	**NIO COLOR 2MP HE (MDNC-2221 HE)**
General specifications	
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
Uniformity Technology	Yes
Ambient Light Compensation (ALC)	Yes
Backlight Output Stabilization (BLOS)	Yes
DICOM calibrated luminance	300 cd/m²
Contrast ratio (ULT off)	1400:1
Response time (Tr + Tf)	20 ms
Video input signals	DVI-D Dual Link, DisplayPort
USB ports	1 Upstream, 2 Downstream
USB standard	2.0
Power consumption (nominal)	36W
Power save mode	Yes
Dimensions with stand (W x H x D)	Portrait: 378x528~628x235 mm/Landscape: 491x472~572x235 mm
Dimensions w/o stand (W x H x D)	Portrait: 378x491x84 mm/Landscape: 491x378x84 mm
Net weight with stand	11.6 kg
Mounting standard	VESA (100 mm)
Screen protection	NA
Recommended modalities	CT, MR, US, DR, CR, NM, Film
Certifications	CE0120 (MDD 93/42/EEC; A1:2007/47/EC Class IIb Product), CE -2004/108/EC, IEC 60950-1:2005 + A1:2009 (2. ed), 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, VCCI, FCC Class B, ICES-001 Level B, RoHS
Cover	No
Supplied accessories	User guide, Quick installation sheet /Barco LCD Sensor /Video cables (DVI-Dual-Link), USB 2.0 Cable, DisplayPort cable /Main cable /external power supply
QA software	MediCal QAWeb for DIN
Warranty	2 years

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