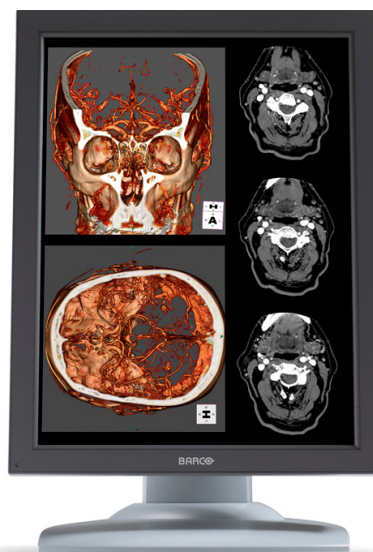# Nio Color 2MP HB (MDNC-2121)

2 MegaPixel high-bright color display system

Nio Color 2MP HB is an industry-standard 2 MegaPixel color display system for dependable diagnostic viewing in high-bright color.

Confident color reading
The Nio Color 2MP HB offers unrivalled color accuracy, smooth grayscales, a high contrast ratio and a wide viewing angle to ensure accurate multi-modality diagnostic imaging.

Nio at a glance
· Dependable, proven technology > Long-term confidence at an exceptional value
· Complete product line > Optimized solutions for various modalities
· Perfect color matching between displays > Identical image quality on every screen
· Individual auto-calibration to DICOM > Worry-free deployment
· High-speed image rendering > Maximum productivity
· Uniformity correction > Compliance to regional QA standards
· 5-year warranty > Worry-free diagnostics for many years

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Technical specifications

Screen technology	TFT AM Color LCD IPS
Active screen size (diagonal)	541 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	0.2700 mm (0.01063")
Color imaging	Yes
Gray imaging	Yes
Color support	24 bit
Viewing angle (H, V)	176°
Uniform Luminance Technology (ULT)	Yes
Per Pixel Uniformity (PPU)	No
Ambient Light Compensation (ALC)	No
Backlight Output Stabilization (BLOS)	Yes
I-Guard	No
Maximum luminance	750 cd/m²
DICOM calibrated luminance (ULT off)	400 cd/m²
Contrast ratio (ULT off)	1050:1
Response time (Tr + Tf)	35 ms
Video input signals	DVI-D Single Link (1x), DisplayPort (1x)
USB ports	1 upstream (endpoint), 2 downstream
USB standard	2.0
Power consumption (nominal)	72W
Power save mode	Yes
Dimensions with stand (W x H x D)	Portrait: 382 x 530~589 x 250 mm Landscape: 488 x 480~540 x 250 mm
Dimensions w/o stand (W x H x D)	Portrait: 382 x 488 x 115 mm Landscape: 488 x 382 x 115 mm
Net weight with stand	14.0 kg
Mounting standard	VESA (100 mm)
Screen protection	Protective, non-reflective PMMA cover
Recommended modalities	CT, MR, US, DR, CR, NM, Film
Certifications	UL60601-1, CB60601-1, CSA C22.2 No 601.1, EN60601-1-2, EN55011 Limit B, ICES-001 B, EN61000-3-2/3, EN61000-4-2/3/4/5/6/8/11, VCCI, CE0120, KETI, CCC, BSMI, Demko, FCCB, FDA 510K, CMDCAS, MDD, WEEE, RoHs
Supplied accessories	Getting Started Guide Quick-Installation Sheet Video cables (1 x DVI Single Link, 1 x DisplayPort) Main cables (UK, European (CEBEC/KEMA), USA (UL/CSA; adaptor plug NEMA 5-15P), Chinese (CCC)) USB 2.0 cable External power supply
Optional accessories	NA
QA software	MediCal QAWeb
Warranty	5 years

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