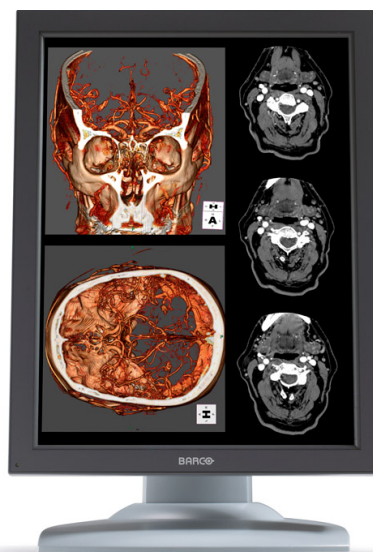


# Nio Color 2MP HB (MDNC-2121)

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

**BARCO**

Visibly yours

# 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<br>Landscape: 488 x 480~540 x 250 mm  |
| Dimensions w/o stand (W x H x D)      | Portrait: 382 x 488 x 115 mm<br>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<br>Quick-Installation Sheet<br>Video cables (1 x DVI Single Link, 1 x DisplayPort)<br>Main cables (UK, European (CEBEC/KEMA), USA (UL/CSA; adaptor plug NEMA 5-15P), Chinese (CCC))<br>USB 2.0 cable |
| Optional accessories                  | NA   |
| QA software                           | MediCal QAWeb  |

Generated on: 06 mei 2012

Technical specifications are subject to change without prior notice.  
Please check [www.barco.com](http://www.barco.com) for the latest information.

## Warranty

5 years