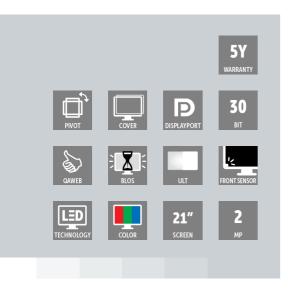
Nio Color 2MP LED (MDNC-2221)

2MP high-bright color display system





- Color medical display with 1600 x 1200 resolution
- Barco LED technology to unveil the subtlest details
- Front sensor for on-demand image quality checks

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.

- High-bright and power-efficient LED backlights
- Accurate grayscale and color rendering
- Front sensor and MediCal QAWeb for easy DICOM conformance
- High-performance 3D rendering with full 3D, OpenGL and DirectX support



Series recein size (diagonal) 540 mm (21.7) Active screen size (Hx V) 432 x 33 mm (17.0 x 12.8) Aspect ratio (Hx) 432 x 32 mm (17.0 x 12.8) Resolution 2MP (50.0 x 12.00 pased) Pixel pitch 0.27 mm Color Imaging Yes Bit depth 30 int Viewing angle (Hx) 178" Uniformity correction U.T Ambient light preses Yes, reading soom selection Ambient light preses Yes, reading soom selection Ambient light preses Yes, reading soom selection Ambient light sensor Yes Backlight Output Stabilization (RLOS) Yes Front sensor Yes Maximum luminance (ganet typical) 900 cd/m² DICOM calibrated luminance 500 cd/m² Contrast ratio (panel typical) 100 mm Reaponse time (ff. + Th/2) (typical) 13 mm Reports 24 USE 20 upstream (ampoint) Use bord 24 USE 20 upstream (ampoint) Use port rating 24 VDC 375 A Power rating 24 VDC 375 A 50 OH 2 </th <th>PRODUCT SPECIFICATIONS</th> <th>NIO COLOR 2MP LED (MDNC-2221)</th>	PRODUCT SPECIFICATIONS	NIO COLOR 2MP LED (MDNC-2221)
Active screen size (H x V) 432 x 304 mm (17.0 x 12.85) Aspect atio (H-V) 4.3 Resolution 2MP (16.00 x 12.00 pixels) Prival pitch 0.27 mm Color imaging Yes Gray imaging Yes Bit depth 30 bit Uniformity correction Lift Uniformity correction Uniformity correction Ambient light presets Yes Ambient light presets Yes Ambient light sensor Yes Backlight Output Stabilization (BLOS) Yes Front sensor Yes Maximum luminance (panel typical) 800 cd/m² DICOM calibrated furniance 500 cd/m² Contrast ratio (panel typical) 1400 1 Response time (ff + Tf0/2) typical) 15 00 cd/m² Response time (ff + Tf0/2) typical) 15 00 cd/m² Using color 81, 1903 / RAL 9004 Using prover; yet (gray image) 15 00 cd/m² Lu USS 2 D upstream lendpoint) 25 00 cd/m² Power rating 24 VDC, 375 A Power rating 24 VDC, 375 A	Screen technology	IPS-Pro
Aspect ratio (H-V) 4.3 Resolution 2MP 18000 x 1200 pixels! Pixel pitch 0.27 mm Groy imaging Yes Gray imaging Yes Bit depth 30 bit Viewing angle (H, V) 276* Uniformity correction UT Ambient light presets Yes, reading nown selection Ambient light presets Yes. Backlight Output Stabilization (BLOS) Yes. Maximum luminance (panel typical) 800 ca/m² Maximum luminance (panel typical) 800 ca/m² DICOM calibrated luminance 900 ca/m² Contrast ratio (panel typical) 1400 1 Housing color 84, 9003 / RAL 9004 Video input signals 15, DVI 18, DRIABPORT USB ports 12, LSB 2.0 upstream (endpoint) USB ports 12, LSB 2.0 upstream (endpoint) USB ports 12, USB 2.0 upstream (endpoint) Power requirements 11st service shall only be powered by the following medical approved power supply Bridgepower, type JMVIPSOR(REACOUT) 19st service shall only be powered by the following medical approved power supply and pres	Active screen size (diagonal)	540 mm (21.3°)
Resolution 2MP (1000 x 1200 pixels) Pixed pixeh 0.27 mm Cotor imaging Yes Bit depth 30 bit Viewing angle (H, V) 178° Uniformity correction U.T Ambient light presets Yes, reading room selection Ambient light presets Yes Backlight Output Stabilization (BLOS) Yes Backlight Output Stabilization (BLOS) Yes Backlight Output Stabilization (BLOS) Yes Bront sensor Yes Contrast ratio (panel typical) 800 calm² Contrast ratio (panel typical) 14001 Response time (Tr + Th/2) (typical) 15 ms Housing color RL 9003 / RAL 9004 Video input signals 15 VII USB ports 15 USB 20 upstream lendpoint) USB 20 upstream lendpoint) 20 UsB 20 upstream lendpoint) Power rating 24 VDC, 375 A Power rating 24 VDC, 375 A Power rating 25 VO (McA, 278 A) Power rating provided power supply:	Active screen size (H x V)	432 x 324 mm (17.0 x 12.8")
Pixel pitch 0.27 mm Color imaging Yes Gray imaging Yes Bit depth 30 bt Viewing angle (H. V) 176° Uniformity correction UI T Ambient light presets Yes reading room selection Ambient light presets Yes Backlight Output Stabilization (BLOS) Yes Backlight Output Stabilization (BLOS) Yes Maximum Luminance (panel typical) 900 cd/m² Maximum Luminance (panel typical) 1400-1 Contrast ratio (panel typical) 1400-1 Housing color RAL 9003 / RAL 9004 Video input signals 1, DVI USB ports 1, DVI Video input signals 1, DVI USB ports 1, DVI Video input signals 1, DVI USB ports 1, DVI Power rating 2, VDC, 375 A Power requirements Bridge cover, yee JMW/190KG2400011 Bridge cover, yee JMW/190KG2400011 Ratings marked on the medical power supply:	Aspect ratio (H:V)	4:3
Color imaging Yes Gray imaging Yes Bit depth 30 bit Viewing angle (H, V) 178° Uniformity correction U.T Ambient light presets Yes, reading room selection Ambient light presets Yes Backlight Output Stabilization (BLOS) Yes Backlight Output Stabilization (BLOS) Yes Maximum luminance (panel typical) 800 cd/m² DICOM calibrated luminance 500 cd/m² Contrast ratio (panel typical) 1400:1 Response time (IT+ TM/2) (typical) 1400:1 Response time (IT+ TM/2) (typical) 150 ms Video input signals 15 DN/2 Video input signals 15 DN/2 USB ports 15 USB 2.0 upstream (endpoint) 2 VSB 2.0 downstream 2 VSB 2.0 downstream Power rating 2 VOC. 3.75 A Power requirements 15 indexice shall only be powered by the following medical approved power supply: input rating 100-24 VDC. 3.75 A Power rating 2 VOC. 3.75 A 15 indexice shall only be powered by the following medical approved power supply: input rating 100-24 VDC. 3.75 A <tr< th=""><th>Resolution</th><th>2MP (1600 x 1200 pixels)</th></tr<>	Resolution	2MP (1600 x 1200 pixels)
Gray imaging Yes Bit depth 30 bit Viewing angle (H, V) 178" Uniformity correction U.T Ambient light presets Yes, reading room selection Ambient light presets Yes Backlight Output Stabilization (BLOS) Yes Front sensor Yes Maximum luminance (panel typical) 800 cd/m² DICOM calibrated luminance 500 cd/m² Contrast ratio (panel typical) 1400:1 Response time (ITr + Tf)/2) typical) 10 ms Housing color RAI, 9003 / RAI, 9004 Video input signals 12 VDB; 20 upstream (endpoint) USB ports 12 VDB; 20 upstream (endpoint) 2 VS 35 A Power rating 2 VDB; 32 Upstream (endpoint) Power requirements This device shall only be powered by the following medical approved power supply: Bridgepower, type JMW/190KB2400F11 Raings marked on the medical power supply: Power consumption 20 W (norminal) Power state (W x H x D) Portrait; 738 x 491 x 83 mm Landscape; 401 x 460-566 x 235 mm Dimensions w/b stand (W x H x D)	Pixel pitch	0.27 mm
Bit depth 30 bit Viewing angle (H, V) 178* Uniformity correction ULT Ambient light presets Yes, reading room selection Ambient light sensor Yes Backlight Output Stabilization (BLOS) Yes Front sensor Yes Maximum furninance (panel typical) B00 cd/m² DICOM calibrated luminance 500 cd/m² Contrast ratio (panel typical) 1400 1 Response time (ftr + Tft/2) (typical) 10 ms Housing color RAI 9003 / RAI 9004 Video input signals 12 ND 11 ND	Color imaging	Yes
Viewing angle (H, V) 178° Uniformity correction ULT Ambient light presets Yes. reading room selection Ambient light sensor Yes Backlight Output Stabilization (BLOS) Yes Front sensor Yes Maximum luminance (panet typical) 800 cd/m² DICOM calibrated luminance 500 cd/m² Contrast ratio (panet typical) 1400.1 Response time (IT+ T0/2) (typical) 10 ms Housing color RAL 9003 / RAL 9004 Video input signals 1x DVI 1x DisplayPort USB ports 1x USB 2.0 upstream (endpoint) 2x USB 2.0 udownstream Power rating 24 VDC, 3.75 A Power requirements This device shall only be powered by the following medical approved power supply. Bridgepower, typs JMV190KB240DF1 Bridgepower, typs J	Gray imaging	Yes
Uniformity correction ULT Ambient light presets Yes, reading room selection Ambient light sensor Backlight Output Stabilization (BLOS) Yes Front sensor Yes Backlight Output Stabilization (BLOS) Yes Front sensor Yes Backlight Output Stabilization (BLOS) Yes Front sensor Yes Backlight Output Stabilization (BLOS) Yes Contrast ratio (panel typical) BOCOM calibrated furninance Soo cal/m² Contrast ratio (panel typical) 1400-1 Response time ((Tr + Tf)/2) (typical) 10 ms Housing color RAL 9003 / RAL 9004 Video input signals 1x DVI 2x DisplayPort USB ports 1x USB 2.0 upstream (endpoint) 2x USB 2.0 upstream (endpoint) 2x USB 2.0 downstream Power rating 24 VDC, 375 A Findepower, type UMV190 (BB2400F11 Ratings marked on the medical power supply: Input rating 100-240 VAC, 2 A 50-60 Hz Output rating: 24 VDC, 375 A Power consumption So W (nominal) - 1 W (Inbernate) - 1 UN (Indeption) Dimensions w/o stand (W x H x D) Portrait: 378 x 525-625 x 235 mm Landscape: 491 x 378 x 83 mm Dimensions packaged (W x H x D) With protective cover: 12.6 kg Without protective cover: 12.8 kg Without protective cover: 12.8 kg Without protective cover: 63 kg Without protective cover: 12.8 kg (without optional accessories) With protective cover: 63 kg Without protective cover: 15.5 kg (without optional accessories)	Bit depth	30 bit
Ambient light presets Yes, reading room selection Ambient light sensor Yes Backlight Output Stabilization (BLOS) Yes Front sensor Yes Maximum luminance (panel typical) 800 cd/m² DICOM calibrated luminance 500 cd/m² Contrast ratio (panel typical) 1400 1 Response time ((Tr + Tr)/2) (typical) 10 ms Housing color RAL 9003 / RAL 9004 Video input signals 1x DVI 1x DisplayPort USB ports 1x USB 2.0 upstream lendpoint) 2x USB 2.0 downstream Power rating 24 VDC, 3.75 A Power requirements This covice shall only be powered by the following medical approved power supply: Bridgespower, Use 3 MW/150K/83-400111 Rating marked on the medical power supply: Output rating 24 VDC, 3.75 A Power consumption 50 W (nominal) < 1 W (hibernate) < 1 W (standaty) Dimensions with stand (W x H x D) Portrait 3.78 x 925-625 x 235 mm Landscape 491 x 466-366 x 235 mm Dimensions w/o stand (W x H x D) 655 x 388 x 495 mm Net weight with stand With protective cover: 12.6 kg Without poptional accessories) With protective cover: 13.5 kg (without optional accessories)	Viewing angle (H, V)	178°
Ambient light sensor Yes Backlight Output Stabilization (BLOS) Yes Front sensor Yes Maximum luminance (panel typical) 800 cd/m² DICOM calibrated luminance 500 cd/m² Contrast ratio (panel typical) 1400.1 Response time (I'T + Tf)/2) (typical) 10 ms Housing color RAL 9003 / RAL 9004 Video input signals 1. DVI 1. DisplayPort 1. VIDE 2.0 upstream (endpoint) 2. X USB 2.0 downstream Power rating 24 VDC, 3.75 A Power requirements This device shall only be powered by the following medical approved power supply: Bridgepower, type JMW190KB2400F11 Ratings marked on the medical power supply: In plut rating 100-240 VMC, 2.8 50-80 Hz Output rating; 24 VDC, 3.75 A Power consumption Solve (mornial) 1. W (inbemate) 1. W (inbemate) 1. W (inbemate) 1. W (istandby) Dimensions with stand (W x H x D) Portrait: 378 x 525-625 x 235 mm Landscape: 491 x 378 x 491 x 83 mm Dimensions packaged (W x H x D) 655 x 388 x 491 x 83 mm Dimensions packaged (W x H x D) With protective cover: 12.6 kg Without protective cover: 13.1 kg Net weight w/o stand With protective cover: 13.6 kg (without optional accessories) With protective cover: 15.5 kg (without optional accessories)	Uniformity correction	ULT
Backlight Output Stabilization (BLOS) Yes	Ambient light presets	Yes, reading room selection
Front sensor Yes Maximum luminance (panel typical) 800 cd/m² DICOM calibrated luminance 500 cd/m² Contrast ratio (panel typical) 1400.1 Response time (ITr + Tf)/2) (typical) 10 ms Housing color RAL 9003 / RAL 9004 Video input signals 1x DIS	Ambient light sensor	Yes
Maximum luminance (panel typical) 800 cd/m² DICOM calibrated luminance 500 cd/m² Contrast ratio (panel typical) 1400-1 Response time ((Tr + Tf)/2) (typical) 10 ms Housing color RAL 9003 / RAL 9004 Video Input signals ½ NDI ½ NDI ¾ NDI ¾ NDI ¾ NDI	Backlight Output Stabilization (BLOS)	Yes
DICOM calibrated luminance 500 cd/m² Contrast ratio (panel typical) 1400:1 Response time (Tr + Tf)/2) (typical) 10 ms Housing color RAL 9003 / RAL 9004 Video input signals 1x DVI 1x DisplayPort 1x USB 20 upstream (endpoint) 2x USB 20 downstream Power rating 24 VDC, 3.75 A Power requirements This device shall only be powered by the following medical approved power supply: Bridgepower, type JMW190KB2400F11 Ratings marked on the medical power supply: In Input rating: 100-240 VAC, 2.4, 50-60 Hz Output rating: 24 VDC, 3.75 A Power consumption 50 W (nominal) -1 W (hibernate) -1 W (tandby) Dimensions with stand (W x H x D) Portrait: 378 x 525-625 x 235 mm Landscape: 491 x 378 x 491 x 83 mm Landscape: 491 x 378 x 83 mm Dimensions packaged (W x H x D) Net weight with stand With protective cover: 12.6 kg Without protective cover: 11.3 kg Net weight w/o stand With protective cover: 16.8 kg (without optional accessories) Without protective cover: 15.5 kg (without optional accessories)	Front sensor	Yes
Contrast ratio (panel typical) Response time ((Tr + Tf)/2) (typical) Housing color RAL 9003 / RAL 9004 Video input signals 1x DVI 1x DisplayPort 1x USB 2.0 upstream (endpoint) 2x USB 2.0 downstream Power rating 24 VDC, 3.75 A Power requirements This device shall only be powered by the following medical approved power supply: Bridgepower, type JMW190KB2400F11 Ratings marked on the medical power supply: Input rating: 100 - 240 VAC, 2.4, 50 - 60 Hz Output rating: 24 VDC, 3.75 A Power consumption 50 W (nominal) -1 W (hibernate) -1 W (standby) Dimensions with stand (W x H x D) Portrait: 378 x 525-625 x 235 mm Landscape: 491 x 466-566 x 235 mm Landscape: 491 x 478 x 83 mm Landscape: 491 x 378 x 83 mm Dimensions packaged (W x H x D) Dimensions packaged (W x H x D) With protective cover: 12.6 kg Without protective cover: 11.3 kg Net weight w/o stand With protective cover: 16.8 kg (without optional accessories) Without protective cover: 15.5 kg (without optional accessories)	Maximum luminance (panel typical)	800 cd/m ²
Response time (ITr + Tfl/2) (typical) Housing color RAL 9003 / RAL 9004 Video input signals 1x DVI 1x DisplayPort 1x USB 2.0 upstream (endpoint) 2x USB 2.0 downstream Power rating 24 VDC, 3.75 A Power requirements This device shall only be powered by the following medical approved power supply: Bridgepower, type JMW190K82400F11 Ratings marked on the medical power supply: Input rating: 100-240 VAC, 2 A, 50-60 H2 Output rating: 24 VDC, 3.75 A Power consumption So W (nominal) <1 W (fibiernate) <1 W (standby) Dimensions with stand (W x H x D) Portrait: 378 x 925-625 x 235 mm Landscape: 491 x 466-566 x 235 mm Dimensions w/o stand (W x H x D) Dimensions packaged (W x H x D) So S	DICOM calibrated luminance	500 cd/m ²
Housing color RAL 9003 / RAL 9004 Video input signals 1x DVI 1x DisplayPort 1x USB 2.0 upstream (endpoint) 2x USB 2.0 downstream Power rating 24 VDC, 3.75 A Power requirements This device shall only be powered by the following medical approved power supply: Bridgepower, type JMW190KB2400F11 Ratings marked on the medical power supply: Input rating: 100–240 VAC, 2 A, 50–60 H2 Output rating: 24 VDC, 3.75 A Power consumption 50 W (nominal) <1 W (hibernate) <1 W (standby) Dimensions with stand (W x H x D) Portrait: 378 x 525–625 x 235 mm Landscape: 491 x 466–566 x 235 mm Dimensions w/o stand (W x H x D) Dimensions packaged (W x H x D) 655 x 388 x 491 x 83 mm Dimensions packaged (W x H x D) Net weight with stand With protective cover: 12.6 kg Without protective cover: 11.3 kg Net weight w/o stand With protective cover: 15.6 kg (without optional accessories) Without protective cover: 15.5 kg (without optional accessories) Without protective cover: 15.5 kg (without optional accessories)	Contrast ratio (panel typical)	1400:1
Video input signals 1x DVI 1x DisplayPort 1x USB 2.0 upstream (endpoint) 2x USB 2.0 downstream 24 VDC, 3.75 A Power requirements This device shall only be powered by the following medical approved power supply: Bridgepower, type JMW190KB2400F11 Ratings marked on the medical power supply: Input rating: 100-240 VMC, 2.A 50-60 Hz Output rating: 24 VDC, 3.75 A Power consumption 50 W (nominal) 1 W (hibernate) 1 W (standby) Dimensions with stand (W x H x D) Portrait: 378 x 525-625 x 235 mm Landscape: 491 x 378 x 83 mm With protective cover: 12.6 kg Without protective cover: 11.3 kg Net weight w/o stand With protective cover: 16.8 kg (without optional accessories) Without protective cover: 15.5 kg (without optional accessories)	Response time $((Tr + Tf)/2)$ (typical)	10 ms
USB ports 1x USB 2.0 upstream (endpoint) 2x USB 2.0 downstream 24 VDC, 3.75 A Power requirements This device shall only be powered by the following medical approved power supply: Bridgepower, type JMW190KB2400F11 Ratings marked on the medical power supply: Input rating 100–240 VAC, 2 A, 50–60 Hz Output rating .24 VDC, 3.75 A Power consumption 50 W (nominal) 1 W (inibernate) 1 W (standby) Dimensions with stand (W x H x D) Portrait: 378 x 525–625 x 235 mm Landscape: 491 x 466–566 x 235 mm Dimensions w/o stand (W x H x D) Portrait: 378 x 491 x 83 mm Landscape: 491 x 378 x 83 mm Dimensions packaged (W x H x D) Net weight with stand With protective cover: 12.6 kg Without protective cover: 11.3 kg Net weight w/o stand With protective cover: 6.3 kg With protective cover: 6.3 kg Without protective cover: 15.5 kg (without optional accessories) Without protective cover: 15.5 kg (without optional accessories) Without protective cover: 15.5 kg (without optional accessories)	Housing color	RAL 9003 / RAL 9004
Power rating 24 VDC, 3.75 A Power requirements This device shall only be powered by the following medical approved power supply: Bridgepower, type JMW190KB2400F11 Ratings marked on the medical power supply: Input rating: 100−240 VAC, 2.A, 50−60 Hz Output rating: 24 VDC, 3.75 A Power consumption 50 W (nominal) 1 W (hibernate) 1 W (standby) Dimensions with stand (W x H x D) Portrait: 378 x 525−625 x 235 mm Landscape: 491 x 466−566 x 235 mm Dimensions w/o stand (W x H x D) Portrait: 378 x 491 x 83 mm Landscape: 491 x 378 x 83 mm Dimensions packaged (W x H x D) 655 x 388 x 495 mm Net weight with stand With protective cover: 12.6 kg Without protective cover: 11.3 kg Net weight w/o stand With protective cover: 6.3 kg Without protective cover: 6.3 kg Without protective cover: 15.5 kg (without optional accessories) Without protective cover: 15.5 kg (without optional accessories)	Video input signals	
Power requirements This device shall only be powered by the following medical approved power supply: Bridgepower, type JMW190KB2400F11 Ratings marked in the medical power supply: Input rating: 100-240 VAC, 2 A, 50-60 Hz Output rating: 24 VDC, 3.75 A Power consumption 50 W (nominal) 1 W (hibernate) 1 W (standby) Dimensions with stand (W x H x D) Portrait: 378 x 525-625 x 235 mm Landscape: 491 x 466-566 x 235 mm Dimensions w/o stand (W x H x D) Portrait: 378 x 491 x 83 mm Landscape: 491 x 378 x 83 mm Dimensions packaged (W x H x D) 655 x 388 x 495 mm Net weight with stand With protective cover: 12.6 kg Without protective cover: 11.3 kg Net weight w/o stand With protective cover: 6.3 kg Without protective cover: 6.3 kg (without optional accessories) Without protective cover: 15.5 kg (without optional accessories)	USB ports	
Bridgepower, type JMW190KB2400F11 Ratings marked on the medical power supply: Input rating: 100–240 VAC, 2 A, 50–60 Hz Output rating: 24 VDC, 3.75 A Power consumption 50 W (nominal) 1 W (hibernate) 1 W (standby) Dimensions with stand (W x H x D) Portrait: 378 x 525~625 x 235 mm Landscape: 491 x 466~566 x 235 mm Dimensions w/o stand (W x H x D) Portrait: 378 x 491 x 83 mm Landscape: 491 x 378 x 83 mm Dimensions packaged (W x H x D) 655 x 388 x 495 mm Net weight with stand With protective cover: 12.6 kg Without protective cover: 11.3 kg Net weight w/o stand With protective cover: 7.6 kg Without protective cover: 6.3 kg Net weight packaged With protective cover: 16.8 kg (without optional accessories) Without protective cover: 15.5 kg (without optional accessories)	Power rating	24 VDC, 3.75 A
Ratings marked on the medical power supply: Input rating: 100–240 VAC, 2 A, 50–60 Hz Output rating: 24 VDC, 3.75 A Solve (nominal) < 1 W (hibernate) < 1 W (standby) Dimensions with stand (W x H x D) Portrait: 378 x 525~625 x 235 mm Landscape: 491 x 466~566 x 235 mm Dimensions w/o stand (W x H x D) Portrait: 378 x 491 x 83 mm Landscape: 491 x 378 x 83 mm Dimensions packaged (W x H x D) 655 x 388 x 495 mm Net weight with stand With protective cover: 12.6 kg Without protective cover: 11.3 kg Net weight w/o stand With protective cover: 6.3 kg Without protective cover: 6.3 kg (without optional accessories) Without protective cover: 15.5 kg (without optional accessories)	Power requirements	This device shall only be powered by the following medical approved power supply:
Vi W (hibernate) V W (standby) Dimensions with stand (W x H x D) Portrait: 378 x 525~625 x 235 mm Landscape: 491 x 466~566 x 235 mm Dimensions w/o stand (W x H x D) Portrait: 378 x 491 x 83 mm Landscape: 491 x 378 x 83 mm Dimensions packaged (W x H x D) 655 x 388 x 495 mm Net weight with stand With protective cover: 12.6 kg Without protective cover: 11.3 kg Net weight w/o stand With protective cover: 7.6 kg Without protective cover: 6.3 kg Without protective cover: 16.8 kg (without optional accessories) Without protective cover: 15.5 kg (without optional accessories)		Ratings marked on the medical power supply: Input rating: 100–240 VAC, 2 A, 50–60 Hz
Landscape: 491 x 466~566 x 235 mm Dimensions w/o stand (W x H x D) Portrait: 378 x 491 x 83 mm Landscape: 491 x 378 x 83 mm Dimensions packaged (W x H x D) 655 x 388 x 495 mm Net weight with stand With protective cover: 12.6 kg Without protective cover: 11.3 kg Net weight w/o stand With protective cover: 7.6 kg Without protective cover: 6.3 kg Net weight packaged With protective cover: 15.5 kg (without optional accessories) Without protective cover: 15.5 kg (without optional accessories)	Power consumption	< 1 W (hibernate)
Landscape: 491 x 378 x 83 mm Dimensions packaged (W x H x D) 655 x 388 x 495 mm Net weight with stand With protective cover: 12.6 kg Without protective cover: 11.3 kg Net weight w/o stand With protective cover: 7.6 kg Without protective cover: 6.3 kg Net weight packaged With protective cover: 16.8 kg (without optional accessories) Without protective cover: 15.5 kg (without optional accessories)	Dimensions with stand (W x H x D)	
Net weight with stand With protective cover: 12.6 kg Without protective cover: 11.3 kg Net weight w/o stand With protective cover: 7.6 kg Without protective cover: 6.3 kg Net weight packaged With protective cover: 16.8 kg (without optional accessories) Without protective cover: 15.5 kg (without optional accessories)	Dimensions w/o stand (W x H x D)	
Without protective cover: 11.3 kg Net weight w/o stand With protective cover: 7.6 kg Without protective cover: 6.3 kg Net weight packaged With protective cover: 16.8 kg (without optional accessories) Without protective cover: 15.5 kg (without optional accessories)	Dimensions packaged (W x H x D)	655 x 388 x 495 mm
Without protective cover: 6.3 kg Net weight packaged With protective cover: 16.8 kg (without optional accessories) Without protective cover: 15.5 kg (without optional accessories)	Net weight with stand	
Without protective cover: 15.5 kg (without optional accessories)	Net weight w/o stand	
-5° to +25°	Net weight packaged	
	Tilt	-5° to +25°

PRODUCT SPECIFICATIONS	NIO COLOR 2MP LED (MDNC-2221)
Swivel	-30° to +30°
Pivot	90°
Height adjustment range	100 mm
Mounting standard	VESA (100 mm)
Recommended modalities	All digital images, except digital mammography
Certifications	CE1639 (MDD 93/42/EEC; A1:2007/47/EC class IIb product) CE -2014/30/EU CE -93/42/EEC; A1:2007/47/EC class II b IEC 60601-1(ed.3); IEC 60601-1(ed.3 am1) ANSI/AAMI ES60601-1(2005+C1:09+A2:10+A1:12) CAN/CSA-C22.2 No. 60601-1(2014) EN 60601-1-2:2015 EN 60601-1:2006/A11:2011/A12:2014; EN 60601-1:2006/A1:2013 CCC -GB9254-2008 + GB4943.1-2011 + GB17625.1-2012 KC BIS VCCI FCC class B ICES-001 Level B FDA 510(k) RoHS
Supplied accessories	User guide Documentation disc System disc Video cable Mains cable(s) USB cable External power supply
QA software	MediCal QAWeb
Warranty	5 years, including 20000 hrs backlight warranty
Operating temperature	0 °C to 35 °C (15 °C to 30 °C within specs)
Storage temperature	-20 °C to 60 °C
Operating humidity	8% to 80% (non-condensing)
Storage humidity	5% to 85% (non-condensing)
Operating pressure	70 kPa minimum
Storage pressure	50 to 106 kPa

Last updated: 13 Aug 2019

 $Technical\ specifications\ are\ subject\ to\ change\ without\ prior\ notice.\ Please\ check\ www.barco.com\ for\ the\ latest\ information.$

