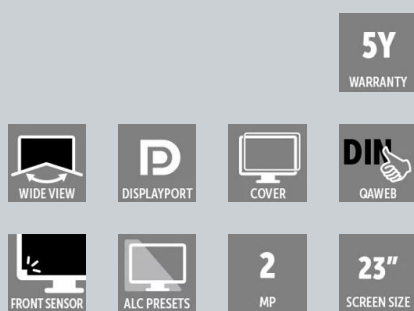


Nio Color 2MP (MDNC-2123 Option DE) Dental

2MP diagnostic display for the dental office



- Accurate, steady images
- Cleanable, stylish design
- A reliable companion for image viewing

Barco's Nio Color 2MP has everything it takes for your dental practice. It brings sharp and bright images to your desktop in a stylish but cleanable design.

Reliable diagnosis in your dental office

The Nio Color 2MP has been built for use in your reading or treatment room (room classes 5 and 6 as defined by DIN 6868-157). Its high brightness and contrast make subtle details more visible. So you can make diagnoses that are based on reliable images.

Automated quality control

Nio Color 2MP is always up to standard because of Barco's luminance sensor technology and QAWeb Enterprise software. By constantly measuring and monitoring display brightness, we can ensure that your dental images will look consistent and accurate over time and across displays.

Compliant with medical safety standards

Nio Color 2MP is available with a protective cover (optional) for easy cleaning while complying with the medical 60601 safety standard. We recommend the version with optional cover if you want to give your patients a clear picture of their oral health.

Models

- Nio Color 2MP dental with protective cover
- Nio Color 2MP without cover

Please consult your Barco representative or distributor in your country or territory to confirm availability. A reference to any product or service on this site does not imply that such product is or will be available in your location.

Product specificaties**NIO COLOR 2MP (MDNC-2123 OPTION DE) DENTAL**

General specifications	
Schermt technologie	LCD
Actief schermformaat (diagonaal)	598 mm (23.6")
Formaat actief scherm (H x V)	521 x 293 mm (20.5 x 11.5")
Beeldverhouding (H:V)	16:9
Resolutie	2MP (1920 x 1080 pixels)
Pixelpitch	0.2715 mm
Beeldkleur	Yes
Grijsbeeldvorming	Yes
Bit depth	30 bit
Kijkhoek (H, V)	178°
Ambient light presets	Yes, reading room selection
Ambient light sensor	Yes
Front sensor	Yes
Maximale luminantie (paneel standaard)	460 cd/m ²
DICOM-gekalibreerde luminescentie	370 cd/m ²
Contrastverhouding (paneel standaard)	1000:1
Reactietijd ((stijgtijd + valtijd)/2) (standaard)	15 ms
Kleur behuizing	RAL 9003
Video-ingangssignalen	1x DVI 1x DisplayPort
USB-poorten	1x USB 2.0 upstream (endpoint) 2x USB 2.0 downstream
Power requirements	Internal power supply (100-240 Vac, 50-60 Hz)
Energieverbruik	25 W (nominal) < 0.5 W (hibernate) < 0.5 W (standby)
Afmetingen met standaard (B x H x D)	560 x 412~512 x 202 mm
Afmetingen zonder standaard (B x H x D)	560 x 335 x 61 mm
Afmetingen verpakt (B x H x D)	700 x 465 x 230 mm
Nettogewicht met standaard	Option DE WP: 8.0 kg Option DE WH: 6.7 kg
Nettogewicht zonder standaard	Option DE WP: 5.8 kg Option DE WH: 4.5 kg
Nettogewicht verpakt	Option DE WP: 11.0 kg Option DE WH: 9.7 kg
Kanteling	-1° to +24°
Roteren	90°
Hoogteregelbereik	100 mm (landscape)
Montagestandaard	VESA (100 mm)
Screen protection	Option DE WP: Protective, anti-reflective glass cover Option DE WH: N/A
Aanbevolen procedures	All digital images, except digital mammography

Product specificaties**NIO COLOR 2MP (MDNC-2123 OPTION DE) DENTAL**

Certificeringen	FDA 510(K) K171812 for General Radiology CE0123 (Medical Device) KC (Korea) EAC (Russia) Safety specific: IEC 60950-1:2005 + A1:2009 EN 60950-1:2006 + A1:2010 + A11:2009 + A12:2011 + A2:2013 IEC 60601-1:2005 + A1:2012 EN 60601-1:2006 + A1:2013 + A12:2014 ANSI/AAMI ES 60601-1:2005 + R1:2012 CAN/CSA C22.2 No. 60601-1:14 EMI specific: IEC 60601-1-2:2014 (ed4) EN 60601-1-2:2015 (ed4) FCC part 15 Class B ICES-001 Level B VCCI (Japan) Environmental: EU RoHS, REACH, Canada Health, WEEE, Packaging Directive
Meegeleverde accessoires	User guide Documentation disc System sheet DisplayPort video cable Mains cable(s) USB cable
Optional accessories	Graphics board Touch pad
Software voor kwaliteitsgarantie	MediCal QAWeb
Garantie	Minimum 3 years, including 20,000 hours backlight warranty Please check the Barco Terms & Conditions for specific Warranty conditions.
Bedrijfstemperatuur	0 °C to 40 °C (15 °C to 35 °C within specs)
Opslagtemperatuur	-20 °C to 60 °C
Vochtigheid in bedrijf	8% to 80% (non-condensing)
Vochtigheid bij opslag	5% to 85% (non-condensing)
Bedrijfsdruk	70 kPa minimum
Opslagdruk	50 to 106 kPa

Laatst bijgewerkt: 18 Mar 2024

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