

Coronis 5MP (MDCG-5121)

5 MegaPixel premium diagnostic grayscale display system



The high-grade Coronis 5MP display system offers unsurpassed film-like images with ultra-high resolution, luminance and contrast . The 21.3" LCD provides unequaled image quality without pixelization, a wide viewing angle and perfect geometry.

Grayscale technology perfected

Building on proven technology, Barco's Coronis 5MP provides ultimate precision and performance. The advanced 10-bit architecture ensures accurate image representations with 1024 simultaneous shades of gray out of a palette of 4096.

Transparent calibration and Quality Assurance

The Coronis 5MP is bundled with MediCal QAWeb for automated calibration and QA, ensuring continuous diagnostic quality and maximum uptime of your workstation. MediCal QAWeb allows you to continue diagnoses while automated QA checks are being executed. The system also includes a secure online web service for remote, centralized image quality management.

Worry-free DICOM compliance under all lighting conditions

The integrated I-Guard continually guards and adjusts the luminance output of the diagnostic viewing area. Combined with the MediCal QAWeb software, the patented I-Guard brings fast and easy calibrations, automatic Quality Assurance testing and remote diagnoses of the display.

The intelligent Ambient Light Compensation (ALC) system assures that the Coronis 5MP remains DICOM compliant under all lighting conditions by adapting their brightness relative to the ambient light conditions.

Product specificaties

CORONIS 5MP (MDCG-5121)

General specifications	
Schermt technologie	TFT AM LCD Dual Domain IPS
Actief schermformaat (diagonaal)	540.9 mm (21.3")
Formaat actief scherm (H x V)	422.4 mm x 377.9 (16.5 x 13.3")
Beeldverhouding (H:V)	5:4
Resolutie	5MP (2560 x 2048)
Pixelpitch	0.1650 mm
Beeldkleur	No
Grijsbeeldvorming	Yes
Aantal grijswaarden (LUT in/LUT uit)	1024 gray levels (10/12)
Kijkhoek (H, V)	170°
Uniform Luminance Technology (ULT)	Yes
Per Pixel Uniformity (PPU)	No
Omgevingslichtcompensatie (OLC)	Yes
Backlight Output Stabilization Technology (BLOS)	Yes
I-Guard	Yes
Maximale luminantie	1100 cd/m ² (panel typical)
DICOM-gekalibreerde luminantie (ULT uit)	500 cd/m ²
Contrastverhouding (ULT uit)	850:1 (typical)
Reactietijd (stijgtijd + valtijd)	36 ms (typical)
Video-ingangssignalen	DVI-D Dual Link / DisplayPort (per display)
USB-poorten	1 upstream (endpoint), 3 downstream
USB-standaard	2.0
Stroomverbruik (nominaal)	70W
Energiebesparingsmodus	Yes
Afmetingen met standaard (B x H x D)	Portrait: 392 x 558,2~658,2 x 110,2mm Landscape: 484,7 x 465,5~565,5 x 110,2 mm
Afmetingen zonder standaard (B x H x D)	Portrait: 392 x 484.7 x 110.2 mm Landscape: 484.7 x 392 x 110.2 mm
Nettogewicht met standaard	15.3 kg
Montagestandaard	VESA (100 mm)
Bescherming van het scherm	Protective, non-reflective glass cover
Aanbevolen procedures	CT, MR, US, DR, CR, NM, Film
Certificeringen	CE0120 (MDD 93/42/EEC class IIb product), CE -2004/108/EC, CE -93/42/EEC; A1:2007/47/EC class II b, UL 60601-1 1ST EDITION, CAN/CSA-C22.2 NO. 601.1-M90 2005, IEC 60601-1 2ND ED:1988 + A1:1991 + A2:1995, IEC 60950-1:2005 2ND EDITION, DEMKO -EN 60601-1:1990 + A1:1993 + A2:1995, CCC -GB9254-2008 + GB4943-2001 + GB17625.1-2003, VCCI, FCC class B, BSMI, FDA 510K, RoHS, KC
Meegeleverde accessoires	User Guide Quick-Installation Sheet Video cables (1 x DVI Dual 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
Optionele accessoires	NA
Software voor kwaliteitsgarantie	MediCal QAWeb
Garantie	5 years

Laatst bijgewerkt: 08 Jul 2024

© 2024 Barco nv. Alle rechten voorbehouden. Gehele of gedeeltelijke reproductie zonder schriftelijke toestemming is verboden. Alle merknamen en productnamen zijn handelsmerken, geregistreerde handelsmerken of handelsnamen van hun respectieve houders. Als gevolg van voortdurende innovatie kunnen informatie en technische specificaties zonder voorafgaande kennisgeving worden gewijzigd. Controleer www.barco.com voor de nieuwste specificaties.

