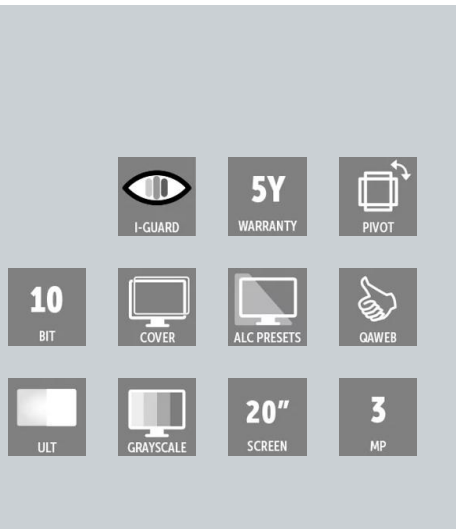


Coronis 3MP (MDCG-3120)

3 MegaPixel premium diagnostic grayscale display system



Grayscale technology perfected

Building on proven technology, Barco's Coronis 3MP 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 3MP 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 3MP remains DICOM compliant under all lighting conditions by adapting their brightness relative to the ambient light conditions.

The Coronis 3MP display system includes:

- A 3 MegaPixel flat panel display
- MediCal QAWeb software for automated calibration and Quality Assurance
- A high-speed, high-performance display controller: check the compatibility matrix

Product specificaties**CORONIS 3MP (MDCG-3120)****General specifications**

Schermt technologie	TFT AM LCD Dual Domain IPS
Actief schermformaat (diagonaal)	528 mm (20.8")
Formaat actief scherm (H x V)	424 x 318 mm (16.7 x 12.5")
Beeldverhouding (H:V)	4:3
Resolutie	3MP (2048 x 1536)
Pixelpitch	0.2070 mm
Beeldkleur	No
Grijsbeeldvorming	Yes
Aantal grijswaarden (LUT in/LUT uit)	1024 grey 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	1000 cd/m ²
DICOM-gekalibreerde luminantie (ULT uit)	500 cd/m ²
Contrastverhouding (ULT uit)	900:1
Reactietijd (stijgtijd + valtijd)	50 ms
Video-ingangssignalen	DVI-D Dual Link
USB-poorten	1 upstream (endpoint), 3 downstream
USB-standaard	2.0
Stroomverbruik (nominaal)	64W
Energiebesparingsmodus	Yes
Afmetingen met standaard (B x H x D)	Portrait: 369 x 558~658 x 285 mm Landscape: 477 x 504~604 x 285 mm
Afmetingen zonder standaard (B x H x D)	Portrait: 369 x 477 x 100 mm Landscape: 477 x 369 x 100 mm
Nettogewicht met standaard	14.2 kg
Montagestandaard	VESA (100 mm)
Bescherming van het scherm	Protective, non-reflective glass cover
Aanbevolen procedures	CT, MR, US, DR, CR, NM, Film
Certificeringen	UL 60601-1 1ST EDITION, CAN/CSA-C22.2 NO. 601.1-M90, UL 60950-1 1ST EDITION, CSA C22.2 NO. 60950-1-03 1ST EDITION, IEC 60601-1 2ND ED:1988 + A1:1991 + A2:1995, IEC 60950-1:2001 1ST EDITION, CE -2004/108/EC, CE -93/42/EC, A1:2007/47/EC CLASS IIB, DEMKO -EN 60601-1, CCC -GB9254-2008 + GB4943-2001 + GB17625.1-2003, VCCI, FCC class B, BSMI, FDA 510K, RoHS
Meegeleverde accessoires	Getting Started Guide Quick-Installation Sheet Video cable (DVI Dual Link) 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	Barco Diagnostic Medical LCD Display Dual Head Stand
Software voor kwaliteitsgarantie	MediCal QAWeb
Garantie	5 years

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