

# Coronis 3MP (MDCG-3120)

3百万像素顶级诊断灰度显示系统



## 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

## 技术规格

## CORONIS 3MP (MDCG-3120)

### 一般规格

屏幕技术	TFT AM LCD 双域 IPS
活跃屏幕大小 (对角线)	528 mm (20.8")
活跃屏幕大小 (H x V)	424 x 318 mm (16.7 x 12.5")
宽高比 (H:V)	4:3
分辨率	3MP (2048 x 1536)
像素间距	0.2070 mm
彩色成像	否
灰色成像	是
灰阶数 (查看表入/查看表出)	1024 灰度级 (10/12)
视角 (H, V)	170°
均匀亮度技术	是
每像素均匀性 (PPU)	否
环境光补偿 (ALC)	是
背光输出稳定 (BLOS)	是
I-Guard	是
更大灯光	1000 cd/m <sup>2</sup>
DICOM 校准亮度 (自然白)	500 cd/m <sup>2</sup>
对比度 (ULT 关闭)	900:1
反应时间(Tr + Tf)	50 ms
视频输入信号	DVI-D 双线
USB端口	1 上游(端点), 3 下游
USB标准	2.0
电力消耗 (标称)	64W
节电模式	是
带底座维数(W x H x D)	纵向: 369 x 558-658 x 285 mm 横向: 477 x 504-604 x 285 mm
无底座维数(W x H x D)	纵向: 369 x 477 x 100 mm 横向: 477 x 369 x 100 mm
带底座净重	14.2 公斤
安装标准	VESA (100 mm)
屏幕保护	保护性不反射玻璃盖
推荐模式	CT, MR, US, DR, CR, NM, Film
认证	UL 60601-1 第一版, CAN/CSA-C22.2 NO. 601.1-M90, UL 60950-1 第一版, CSA C22.2 NO. 60950-1-03 第一版, IEC 60601-1 2ND ED:1988 + A1:1991 + A2:1995, IEC 60950-1:2001 第一版, 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
备件	入门指南 快速安装单 视频线(DVI双线) 主线 (英国, 欧洲 (CEBEC/KEMA), 美国 (UL/CSA; 承接插头 NEMA 5-15P), 中国(CCC)) USB2.0线 外部电源
可选附件	Barco液晶显示诊断医疗双头架
QA软件	MediCal QAWeb
保修期	5 年

生成于: 08 Jul 2024

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