

Nio Color 3MP (MDNC 3120)

3 MegaPixel color medical display system



Nio Color 3MP is a dependable 3 MegaPixel color display system for cost-efficient diagnostic viewing. Equipped with proven LCD technology, Nio Color 3MP delivers excellent brightness and contrast along with a wide viewing angle. It is your guarantee for confident readings in full color.

Nio Color 3MP is 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.

User-friendly calibration and quality assurance

Nio Color 3MP comes with MediCal QAWeb, an innovative softcopy calibration and QA concept, that brings a new degree of diagnostic confidence and transparency to your QA routine.

BARCO

Visibly yours

Technical specifications

Technology	TFT AM LCD Dual Domain IPS Technology
Active screen diagonal	528 mm (20.8")
Active screen width	424 mm (16.7")
Active screen height	318 mm (12.5")
Pixel pitch	.207 mm (0.00815")
Resolution	3MP (2048 x 1536 / 1536 x 2048)
Luminance	400 cd/m ²
DICOM calibrated luminance (ULT off)	230 cd/m ²
Contrast ratio	400:1
Viewing angle	170°
Look up table	30 bit color
Video inputs	DVI
Image stabilization	Backlight sensor BLOS
Dimensions	Portrait: 385 x 595 x 250 mm (15.16 x 23.03 x 9.8") Landscape: 485 x 535 x 250 mm (19.1 x 21.1 x 9.8")
Weight	13 kg (28.7 lb)
Approvals	UL-60601-1, EN-60601-1, CE0120, CCC, FCC B, FDA510K
Operating temperature range	0° to +40°C (+32° to +98°F)
Power consumption	95 W