

MDRC-2120

2 MegaPixel clinical review display



DICOM-compliant images: everywhere, every time



The MDRC-2120 is a brand-new clinical review display for everyday use throughout the hospital. Building on Barco's know-how and experience in healthcare imaging, the multi-purpose 20-inch display brings reliable, DICOM-compliant images to a broad palette of imaging applications, including the Electronic Medical Record (EMR) system. The MDRC-2120 features...

- **Professional-quality LCD technology**, providing rich contrast, high brightness, a wide viewing angle and accurate grayscales
- **An integrated DICOM Part 14 Look-Up Table** for true "DICOM-out-of-the-box" imaging
- **Backlight Output Stabilization (BLOS)** for stabilized luminance over time
- **A user-friendly MediCal QAWeb system** for accurate Quality Assurance and DICOM-calibration (in combination with an external sensor)
- **An On-Screen Display interface** in various languages, including English, German, Simplified & Traditional Chinese, Korean and Japanese

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Technical specifications

LCD panel	
Technology	TFT Color LCD (IPS)
Native resolution	1,600 x 1,200
Active screen diagonal	20.1" (510 mm)
Active screen area	16.06" x 12.05" (408 x 306 mm)
Pixel pitch	0.255 x 0.255 mm
Visual characteristics	
Maximum luminance	300 cd/m ²
DICOM calibrated luminance	180 cd/m ²
Contrast ratio	800:1
Aspect ratio	4:3
Viewing angle (CR>10)	178°/178°
Display LUT	10 bit
Response time (G-G)	5 ms
Display functions	Gamma, DICOM
Colors	16.8 million
Connectivity and control	
Video input	DVI, VGA (DB15),
USB	1 upstream, 2 downstream
OSD languages	English, German, Simplified Chinese, Traditional Chinese, Korean, Japanese
Quality assurance	
Image stabilisation	BLOS (Backlight sensor)
MediCal QAWeb	Included
External front sensor	Optional
Options	
Protective front cover	Optional
Approvals	
EMC	EN 60601-1-2; FCC-B; ICES-001; VCCI; KETI; CCC; BSMI
Safety	CE EN60601-1; UL 60601-1; c-UL; CCC; KETI; PSE; BSMI
Mechanical characteristics	
Display dimensions (W x H x D)	17.9 x 13.9 x 2.75" (455 x 354 x 70 mm), landscape, without pedestal
Display weight	With stand: 9 kg (19.9 lbs.) / Without stand: 6 kg (13.2 lbs.)
Display stand	Tilt, height & swivel
Mounting	VESA 100
Rotation	Landscape / portrait
Power requirements	
External DC power supply	90V - 264V (50Hz - 60Hz)
Standby power	< 1 W
Power consumption	60 Watts
Environmental	
Operating temperature (min-max)	0° to 35°C (32° to 95°F)
Humidity	5% - 90% (no condensation)

Request more information:

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