

MDRC-2120

2 MegaPixel clinical review display



Consistent DICOM images anywhere, anytime



The MDRC-2120 is a brand-new clinical review display for hospital-wide viewing of clinical data and images. 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 LCD quality**, providing rich contrast, high brightness, a wide viewing angle and accurate grayscale
- **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)
- **A multi-lingual On-Screen Display interface** for optimum convenience (English, German, Simplified & Traditional Chinese, Korean, Japanese, etc.)

BARCO

Visibly yours

Technical specifications

LCD panel	
Technology	TFT Color LCD (IPS)
Native resolution	1600 x 1200
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	700:1
Aspect ratio	4:3
Viewing angle (CR>10)	178°/178°
Display LUT	10 bit
Response time (G-G)	12 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, French, German, Simplified & Traditional Chinese, Korean, Japanese, Spanish, Italian, Dutch
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) W x H x D, 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: