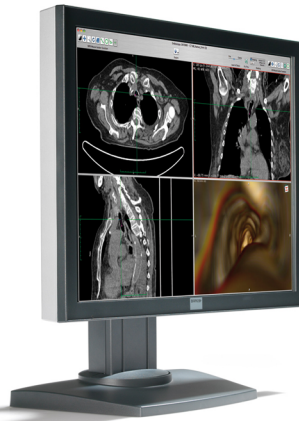
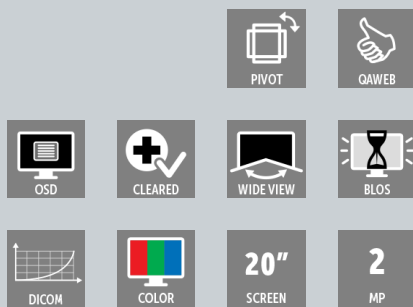


MDRC-2120

20-inch clinical review display



Consistent DICOM images, anywhere, anytime

The MDRC-2120's high-quality LCD panel presents medical images with better contrast, higher brightness and a wider viewing angle than conventional computer monitors.

Advanced Backlight Output Stabilization (BLOS) technology ensures fast power-up and continuous LCD backlight stability, resulting in long-term image consistency.

And thanks to the integrated DICOM Part 14 Look-Up Table, the MDRC-2120 is DICOM-compliant "out-of-the-box".

A perfect fit for dental practices

Its long-term image accuracy and high-standard patient safety also make the MDRC-2120 a perfect fit for digital dental imaging.

Professional LCD quality

Presents medical images and patient data with more accurate grayscales, better contrast (up to 1300:1) and a wider viewing angle than conventional computer monitors.

Cleared for medical and dental imaging

Complies with international medical safety and emission standards (such as CE, UL, etc.), qualifying the display for use in every area of the hospital. And thanks to its low voltage external power supply and (optional) protective front cover, the MDRC is also perfectly fit for dental imaging purposes.

10-bit DICOM Look-Up Table

Turns the display into an accurate display monitor for viewing medical images.

Backlight Output Stabilization

Ensures fast power-up and continuous LCD backlight stability, resulting in long-term

image consistency.

User-friendly Quality Assurance

Accurate DICOM-calibration and Quality Assurance thanks to the Medical QAWeb solution.

Multi-lingual OSD interface

Makes it easy to change the display's settings in your own language (English, French, German, Spanish, Italian, Dutch, Simplified & Traditional Chinese, Korean, Japanese).

Landscape & portrait orientation

Allows for a desktop organization that best fits your application (clinical images, reports, patient files,...)

Power Saving Mode

Automatically switches the display to 'sleep mode' when not being used. This results in markedly reduced energy consumption and increased lifetime of the LCD backlights.

Optional protective front cover

Protects the valuable LCD panel against damage from intensive use and allows safe and easy cleaning.

PRODUCT SPECIFICATIONS**MDRC-2120**

Screen technology	TFT Color LCD (IPS)
Active screen size (diagonal)	510.54 mm (20.1")
Active screen size (H x V)	432 x 331.5 mm (17.0 x 13.1")
Aspect ratio (H:V)	4:3
Resolution	2MP (1600 x 1200)
Pixel pitch	0.2550 mm
Color imaging	Yes
Gray imaging	No
Color support	16.7 million
Viewing angle (H, V)	178°
Uniformity Technology	No
Per Pixel Uniformity (PPU)	No
Ambient Light Compensation (ALC)	No
Backlight Output Stabilization (BLOS)	Yes
I-Guard	No
Maximum luminance	300 cd/m ²
DICOM calibrated luminance	180 cd/m ²
Contrast ratio	800:1
Response time (Tr + Tf)	14 ms
Scanning frequency (H; V)	31.5-93.75 kHz; 59-61 Hz
Housing color	Dark gray
Video input signals	DVI-D Single Link VGA (DB15)
Video inout terminals	Separate H&V sync Composite sync on H Sync on Green supported
USB ports	1 upstream, 2 downstream
USB standard	1.1
Power requirements (nominal)	100-240V
Power consumption (nominal)	55W
Power save mode	Yes
Power management	DVI-DMPM states supported Power On state Active-Off state DPMS states supported
Dot clock	165 MHz
OSD languages	English, French, German, Spanish, Italian, Dutch, Simplified Chinese, Tadtional Chinese, Korean
Dimensions with stand (W x H x D)	Landscape: 455 x 536~426 x 223 mm
Dimensions w/o stand (W x H x D)	Portrait: 354 x 455 x 70 mm Landscape: 455 x 354 x 70 mm
Dimensions packaged (W x H x D)	554 x 525 x 330 mm
Net weight with stand	9.8 kg
Net weight w/o stand	6.0 kg

PRODUCT SPECIFICATIONS	MDRC-2120
Net weight packaged with stand	11.7 kg
Net weight packaged w/o stand	9.0 kg
Height adjustment range	100 mm
Tilt	-0° / +10°
Swivel	-45° / +45°
Pivot	90°
Mounting standard	VESA (100 mm)
Screen protection	Optional protective front cover
Recommended modalities	CT, MR, US, DR, CR, NM, Film
Certifications	EN 60601-1-2; FCC-B; ICES-001, VCCI, KC, CCC, BSMI, CE EN 60601-1:2006+A11:2011; ANSI/AAMI ES60601-1 (2005/(R)2012 + C1:2009/(R)2012 + A2:2010/(R)2012), CAN/CSA-C22.2 No. 60601-1(2008), DEMKO-EN 60601-1:2006, PSE
Supplied accessories	User manual Video cables (DVI Single Link, Analog) Main cables (UK, European (CEBEC/KEMA), USA (UL/CSA; adaptor plug NEMA 5-15P), Chinese (CCC)) External power supply
Optional accessories	Barco External Medical LCD Display Sensor Barco MDRC-2120 Clinical Review Medical LCD Display Protective Front Cover Kit
QA software	MediCal QAWeb
Units per pallet	18
Pallet dimensions (W x H)	800 x 1200 mm
Warranty	3 years

Last updated: 15 Nov 2019

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.