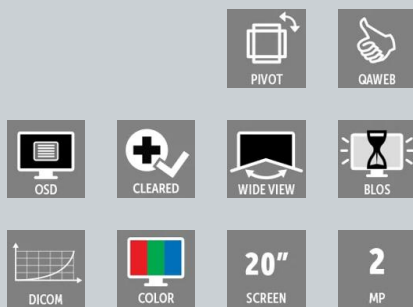


MDRC-2120

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**

| General specifications | |
|---------------------------------------|---|
| 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 |

| Product specifications | MDRC-2120 |
|--------------------------------|--|
| Net weight w/o stand | 6.0 kg |
| 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 | MedjCal QAWeb |
| Units per pallet | 18 |
| Pallet dimensions (W x H) | 800 x 1200 mm |
| Warranty | 3 years |

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