





Product Website

2-megapixel medical monitor

The MX217-SB convinces with clear and high-contrast image reproduction. Thanks to the DICOM® tone curve, the monitor displays radiological images true to the object. The calibrated brightness is 240 cd/m2. This makes it suitable for dental radiological reporting in room class 5 (reporting room).

- 2 megapixel colour screen with 240 cd/m2 factory calibrated brightness and 500 cd/m2 maximum brightness
- Clear recognition of structures through high contrast and blur reduction
- Effortless quality assurance and built-in calibration sensor for semi-automated constancy testing
- Palette with 543 billion shades for precise colour reproduction with up to 10 bits
- Hybrid Gamma PXL function for pixel-precise display of greyscale and colour images with the required luminance characteristic curve
- Homogeneous display surface due to automatic control of luminance distribution (DUE)
- Prepared for calibration, acceptance and constancy testing according to DIN 6868-157 and QS-RL
- Ergonomic design with slim housing frame
- 5-year warranty for highest investment security



RadiForce MX217-SB

Technical Data

(DVI, 8 Bit), 16.7 million colors (DisplayPort, 8 Bit) Color palette/look-up table 543 billion colour tones / 13 bit Max. brightness (typical) [in cd/m²] 500 Factory calibrated brightness [in cd/m²]. Max. dark room contrast (typical) Backlight LED FEATURES 8 OPERATION Preset color/greyscale modes 1x manual memory location, Text, sRGB, Paper, DICON additional memory spaces through calibration DICOM tone curve V Hardware calibration of brightness and light density characteristic curve Digital Uniformity Equalizer (homogeneity correction) Hybrid Gamma PXL Blur reduction V Sensors Ambient Light Sensor, Integrated luminance sensor, Backlight Sensor On-screen menu languages de, en, fr, es, it, se DICOM tonal value, Brightness, Contrast, Color temperature/White point, Gamma, Color saturation, Reso	GENERAL	
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Integrated power unit	Adjustment options	perature/White point, Gamma, Color saturation, Resolution, Scaling, Skip color mode, OSD language, Signal
	Integrated power unit	✓

CONNECTIONS	
Signal inputs	DisplayPort, DVI-D
Signal outputs	1x DisplayPort (HDCP 1.2)
Daisy-chain capable	✓
USB specification	USB 2
USB upstream ports	1x type B
USB downstream ports	2x type A
Graphic signal	DVI Single Link (TMDS), DisplayPort
ELECTRICAL DATA	
Frequency	Digital: 31-100 kHz/59-61 Hz
Power consumption (typical) [in watts]	23
Maximum Power Consumption [in watts]	54 (at maximum brightness with all signal inputs and USB ports in use)
Max. Power consumption in stand-by mode [in watts]	0.6
Power consumption with power switch off [in watts]	0
Power supply	AC 100-240V, 50/60Hz
DIMENSIONS & WEIGHT	
Dimensions (incl. stand) (width x height x depth) [in mm]	357 x 482-572 x 200
Weight (incl. stand) [in kg]	7.3
Dimension drawing (PDF)	Dimension drawing (PDF)
Rotatability of the stand [in °]	70
Tiltability forwards/backwards [in °]	5 / 30
Pivot between portrait / landscape	anti-clockwise
Hole spacing	100 x 100
CERTIFICATION & STANDARDS	
Certification	CE (Medical Device), UKCA (Medical Device), ANSI /AAMI ES60601-1, CSA C22.2 Nr. 601-1, EN60601-1, IEC60601-1, RCM, FCC-B, CAN ICES-3 (B), VCCI-B, RoHS, WEEE, China RoHS, CCC
SOFTWARE & ACCESSORIES	
Accompanying software and other accessories are available for download	RadiCS LE
Other box contents	USB cable (Type A - Type B), Signal cable DisplayPort DisplayPort, Manual via download, Power cord
Accessories	RadiNET Pro, RadiCS (UX2-Kit), MED-XN43
Recommended graphics card	MED-XN43
WARRANTY	

5 years

Warranty periode



RadiForce MX217-SB

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