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## 2-megapixel medical monitor

Thanks to DICOM® tone curve, the MX217-HB displays radiological images true to the object. The calibrated brightness is 340 cd/m<sup>2</sup>. This makes it suitable for dental radiological reporting in room class 6 (treatment room). The monitor convinces with its clear and high-contrast image reproduction.

- ✓ 2-megapixel colour screen with 340 cd/m<sup>2</sup> factory calibrated brightness and 500 cd/m<sup>2</sup> 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

## Technical Data

GENERAL		FEATURES & OPERATION	
Item no.	MX217-HB	Preset color/greyscale modes	1x manual memory location, Text, sRGB, Paper, DICOM, additional memory spaces through calibration
Case color	Black	DICOM tone curve	✓
Areas of application	Healthcare	Hardware calibration of brightness and light density characteristic curve	✓
Product line	RadiForce	Digital Uniformity Equalizer (homogeneity correction)	✓
Areas of application	Dentist, Dental treatment room, Orthopedics	Hybrid Gamma PXL	✓
EAN	4995047065005	Blur reduction	✓
SCREEN		Sensors	Ambient Light Sensor, Integrated luminance sensor, Backlight Sensor
Screen size [in inches]	21	On-screen menu languages	de, en, fr, es, it, se
Screen size [in cm]	54	Adjustment options	DICOM tonal value, Brightness, Contrast, Color temperature/White point, Gamma, Color saturation, Resolution, Scaling, Skip color mode, OSD language, Signal input, Key lock, Blur reduction
Format	3:4	Integrated power unit	✓
Viewable image size (width x height) [in mm]	324 x 432	ELECTRICAL DATA	
Resolution in MP	2 Megapixels (colour)	Frequency	Digital: 31-100 kHz/59-61 Hz
Ideal and recommended resolution	1200 x 1600	Power consumption (typical) [in watts]	23
Pixel pitch [in mm]	0,27 x 0,27	Maximum Power Consumption [in watts]	54 (at maximum brightness with all signal inputs and USB ports in use)
Panel technology	IPS	Max. Power consumption in stand-by mode [in watts]	0.6
Max. viewing angle horizontal	178	Power consumption with power switch off [in watts]	0
Max. viewing angle vertical	178	Power supply	AC 100-240V, 50/60Hz
Number of colors or greyscale	1.07 billion colors (DisplayPort, 10 Bit), 16.7 million colors (DVI, 8 Bit), 16.7 million colors (DisplayPort, 8 Bit)	DIMENSIONS & WEIGHT	
Color palette/look-up table	543 billion colour tones / 13 bit	Dimensions (incl. stand) (width x height x depth) [in mm]	357 x 482-572 x 200
Max. brightness (typical) [in cd/m <sup>2</sup> ]	500	Weight (incl. stand) [in kg]	7.2
Factory calibrated brightness [in cd/m <sup>2</sup> ]	340	Dimension drawing (PDF)	<a href="#">Dimension drawing (PDF)</a>
Max. dark room contrast (typical)	1800:1	Rotatability of the stand [in °]	70
Backlight	LED	Tiltability forwards/backwards [in °]	5 / 30
CONNECTIONS		Pivot between portrait / landscape	anti-clockwise
Signal inputs	DisplayPort, DVI-D	Hole spacing	100 x 100
Signal outputs	1x DisplayPort (HDCP 1.2)	SOFTWARE & ACCESSORIES	
Daisy-chain capable	✓	Accompanying software and other accessories are available for download	RadiCS LE
USB specification	USB 2	Other box contents	USB cable (Type A - Type B), Signal cable DisplayPort - DisplayPort, Manual via download, Power cord
USB upstream ports	1 x type B	Accessories	RadiNET Pro, RadiCS (UX2-Kit), MED-XN43
USB downstream ports	2x type A	Recommended graphics card	MED-XN43
Graphic signal	DVI Single Link (TMDS), DisplayPort	WARRANTY	
CERTIFICATION & STANDARDS		Warranty period	5 years
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		

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