

## RadiForce MX217-HB



Product Website

## 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/m2. 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/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-HB

## **Technical Data**

GENERAL	
Item no.	MX217-HB
Case color	Black
Areas of application	Healthcare
Product line	RadiForce
Areas of application	Dentist, Dental treatment room, Orthopedics
EAN	4995047065005
SCREEN	
Screen size [in inches]	21
Screen size [in cm]	54
Format	3:4
Viewable image size (width x height)	324 x 432
[in mm]	
Resolution in MP	2 Megapixels (colour)
Ideal and recommended resolution	1200 x 1600
Pixel pitch [in mm]	0,27 x 0,27
Panel technology	IPS
Max. viewing angle horizontal	178
Max. viewing angle vertical	178
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)
Color palette/look-up table	543 billion colour tones / 13 bit
Max. brightness (typical) [in cd/m²]	500
Factory calibrated brightness [in cd/ m²].	340
Max. dark room contrast (typical)	1800:1
Backlight	LED
CONNECTIONS	
Signal inputs	DisplayPort, DVI-D
Signal outputs	1x DisplayPort (HDCP 1.2)
Daisy-chain capable	✓
USB specification	USB 2
USB upstream ports	1 x type B
USB downstream ports	2x type A
Graphic signal	DVI Single Link (TMDS), DisplayPort
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

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lution, Scaling, Skip color mode, OSD language, Signa input, Key lock, Blur reduction  Integrated power unit  ✓  ELECTRICAL DATA  Frequency  Digital: 31-100 kHz/59-61 Hz  Power consumption (typical) [in watts]  Maximum Power Consumption [in watts]  Max. Power consumption in stand-by mode [in watts]  Max. Power consumption with power switch off [in watts]  Power consumption with power switch off [in watts]  Power supply  AC 100-240V, 50/60Hz  DIMENSIONS 6 WEIGHT  Dimensions (incl. stand) (width x height x depth) [in mm]  Weight (incl. stand) [in kg]  7.2  Dimension drawing (PDF)  Rotatability of the stand [in °]  70  Tiltability forwards/backwards [in °]  Pivot between portrait / landscape  Hole spacing  Nadics LE  Radics LE  Radics LE	Preset color/greyscale modes	1x manual memory location, Text, sRGB, Paper, DICOM
Hardware calibration of brightness and light density characteristic curve    Digital Uniformity Equalizer (homogenetity correction)	DICOM tone curve	additional memory spaces through calibration
and light density characteristic curve  Digital Uniformity Equalizer (homoge-lefty correction)  Hybrid Gamma PXL  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 Luton, Scaling, Skip color mode, OSD language, Signa input, Key lock, Blur reduction  Integrated power unit  **  ELECTRICAL DATA  Frequency  Digital: 31-100 kHz/59-61 Hz  Power consumption (typical) [in watts]  Maximum Power Consumption [in Sensor in use)  Max Power consumption in stand-by 0.6  Max Power consumption with power waitch off [in watts]  Power supply  AC 100-240V, 50/60Hz  DIMENSIONS 6 WEIGHT  Dimensions (incl. stand) (width x height x depth) [in mm]  Weight (incl. stand) [in kg]  7.2  Dimension drawing (PDF)  Rotatability of the stand [in "]  70  Tiltability forwards/backwards [in "]  71  Tiltability forwards/backwards [in "]  To Tiltability forwards/backwards [in "]  To Tiltability forwards/backwards [in "]  SOFTWARE 6 ACCESSORIES  Accompanying software and other accessories are available for download.  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		<u> </u>
Hybrid Gamma PXL  Blur reduction  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 lution, Scaling, Skip color mode, OSD language, Signa input, Key lock, Blur reduction  Integrated power unit  ELECTRICAL DATA  Frequency  Digital: 31-100 kHz/59-61 Hz  Power consumption (typical) [in watts]  Maximum Power Consumption [in watts]  Max. Power consumption in stand-by mode [in watts]  Power consumption with power with film watts]  Power consumption with power with all signal inputs and USB ports in use)  DIMENSIONS & WEIGHT  Dimensions (incl. stand) (width x height x depth) [in mm]  Weight (incl. stand) [in kg]  7.2  Dimension drawing (PDF)  Dimension drawing (PDF)  Power depth) [in mm]  Weight (incl. stand) [in kg]  7.2  Dimension drawing (PDF)  Power statability of the stand [in °]  70  Tiltability forwards/backwards [in °]  5 / 30  Pivot between portrait / landscape anti-clockwise  Hole spacing  100 x 100  SOFTWARE & ACCESSORIES  Accompanying software and other accessories are available for download  Other box contents  USB cable (Type A - Type B), Signal cable DisplayPort DisplayPort, Manual via download, Power cord  Accessories  RediNET Pro, RediCS (UX2-Kit), MED-XN43	and light density characteristic	•
Billur reduction  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, Resolution, Scaling, Skip color mode, OSD language, Signa input, Key lock, Blur reduction  Integrated power unit  ELECTRICAL DATA  Frequency  Digital: 31-100 kHz/59-61 Hz  23  Maximum Power Consumption [in watts]  Maximum Power Consumption in stand-by under [in watts]  Max. Power consumption in stand-by under [in watts]  Power consumption with power switch off [in watts]  Power supply  AC 100-240V, 50/60Hz  DIMENSIONS 8 WEIGHT  Dimensions (incl. stand) (width x height x depth) [in mm]  Weight (incl. stand) [in kg]  7.2  Dimension drawing (PDF)  Rotatability of the stand [in *]  70  Tiltability forwards/backwards [in *]  5 / 30  Pivot between portrait / landscape  Hole spacing  100 x 100  SOFTWARE 8 ACCESSORIES  Accompanying software and other accessories are available for download  Other box contents  USB cable (Type A - Type B), Signal cable DisplayPort, Manual via download, Power cord  Accessories  RadiNET Pro, RadiCS (UX2-Kit), MED-XN43		✓
Ambient Light Sensor, Integrated luminance sensor, Backlight Sensor  On-screen menu languages  de, en, fr, es, it, se  Adjustment options  DICOM tonal value, Brightness, Contrast, Color temperature/White point, Gamma, Color saturation, Resolution, Scaling, Skip color mode, OSD language, Signa input, Key lock, Blur reduction  Integrated power unit  ELECTRICAL DATA  Frequency  Digital: 31-100 kHz/59-61 Hz  Power consumption (typical) [in watts]  Maximum Power Consumption [in USB ports in use)  Max. Power consumption in stand-by mode [in watts]  Power consumption with power switch off [in watts]  Power supply  AC 100-240V, 50/60Hz  DIMENSIONS & WEIGHT  Dimensions (incl. stand) (width x height x depth) [in mm]  Weight (incl. stand) [in kg]  7.2  Dimension drawing (PDF)  Rotatability of the stand [in °]  70  Tiltability forwards/backwards [in °]  71  Tiltability forwards/backwards [in °]  Tiltability forwards/backwards [in °]  RadiCS LE  Accompanying software and other accessories are available for download  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	Hybrid Gamma PXL	✓
Backlight Sensor  de, en, fr, es, it, se  Adjustment options  DICOM tonal value, Brightness, Contrast, Color temperature/White point, Gamma, Color saturation, Resolution, Scaling, Skip color mode, OSD language, Signa input, Key look, Blur reduction  Integrated power unit  ■  ELECTRICAL DATA  Frequency  Digital: 31-100 kHz/59-61 Hz  Power consumption (typical) [in watts]  Maximum Power Consumption [in watts]  Max. Power consumption in stand-by mode [in watts]  Power consumption with power switch off [in watts]  Power consumption with power switch off [in watts]  Power supply  AC 100-240V, 50/60Hz  DIMENSIONS € WEIGHT  Dimensions (incl. stand) (width x height x depth) [in mm]  Weight (incl. stand) [in kg]  7.2  Dimension drawing (PDF)  Rotatability of the stand [in °]  70  Tiltability forwards/backwards [in °]  70  Tiltability forwards/backwards [in °]  To x 100  SOFTWARE € ACCESSORIES  Accompanying software and other accessories are available for download  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	Blur reduction	✓
Adjustment options  DICOM tonal value, Brightness, Contrast, Color temperature/White point, Gamma, Color saturation, Resolution, Scaling, Skip color mode, OSD language, Signa input, Key lock, Blur reduction  Integrated power unit  LELECTRICAL DATA  Frequency  Digital: 31-100 kHz/59-61 Hz  Power consumption (typical) [in watts]  Maximum Power Consumption [in watts]  Maximum Power Consumption in stand-by mode [in watts]  Max. Power consumption with power with all signal inputs and USB ports in use)  Max. Power consumption with power with figure and use power supply  AC 100-240V, 50/60Hz  DIMENSIONS & WEIGHT  Dimensions (incl. stand) (width x height x depth) [in mm]  Weight (incl. stand) [in kg]  7.2  Dimension drawing (PDF)  Rotatability of the stand [in "]  70  Tiltability forwards/backwards [in "]  70  Tiltability forwards/backwards [in "]  SOFTWARE & ACCESSORIES  Accompanying software and other accessories are available for download  Other box contents  USB cable (Type A - Type B), Signal cable DisplayPort, Manual via download, Power cord  Accessories  RadiNET Pro, RadiCS (UX2-Kit), MED-XN43	Sensors	
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DisplayPort, Manual via download, Power cord  Accessories RadiNET Pro, RadiCS (UX2-Kit), MED-XN43	accessories are available for down-	RadiCS LE
	Other box contents	USB cable (Type A - Type B), Signal cable DisplayPort DisplayPort, Manual via download, Power cord
Recommended graphics card MED-XN43	Accessories	RadiNET Pro, RadiCS (UX2-Kit), MED-XN43
	Recommended graphics card	MED-XN43
	WARRANTY	

5 years

Warranty periode