





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	
Areas of application Healthcare  Product line RadiForce  Areas of application Computed temography/MR imagine, Dentist, Dental diagnostic room, Non-destructive-testing  EAN 4995047065067  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] 324 x 432 [in mm] 2 Megapixels (colour)  Ideal and recommended resolution 1200 x 1600  Pixel pitch [in mm] 0,27 x 0,27  Supported resolutions 1200 x 1600  Pixel pitch [in mm] 178  Max. viewing angle horizontal 178  Max. viewing angle vertical 178  Number of colors or greyscale 107 billion colors (DisplayPort, 10 Bit), 16,7 million colors (DisplayPort, 8 Bit) 16,7 million color	Item no.	MX217-SB
Product line RadiForce  Areas of application Computed tomography/MR imagine, Dentist, Dental diagnostic room, Non-destructive-testing  EAN 4995047065067  SCREEN Screen size [in inches] 21 Screen size [in cm] 54 Format 3-4 Viewable image size (width x height) [in imm] Resolution in MP 2 Megapixels (colour) Ideal and recommended resolution 1200 x 1600 Pixel pitch [in mm] 0,27 x 0,27 Supported resolutions 1200 x 1600 Pixel pitch [in mm] 178 Max. viewing angle horizontal 178 Max. viewing angle vertical 178 Max. viewing angle vertical 178 Number of colors or greyscale 107 billion colors (DisplayPort, 10 Bit), 16,7 million color (OVI, 8 Bit), 16,7 million colors (DisplayPort, 8 Bit) Max. brightness (typical) [in cd/m²] 500 Factory calibrated brightness [in cd/ 240 m²]. Max. dark room contrast (typical) Backlight LED  FEATURES 6 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 V Bilur reduction V Sensors 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, Reso	Case color	Black
Areas of application  Computed tomography/MR imagine, Dentist, Dental diagnostic room, Non-destructive-testing  EAN  4995047065067  SCREEN  Screen size [in inches]  21  Screen size [in cm]  54  Format  3-4  Viewable image size (width x height) 3-24 x 432  [in imm]  Resolution in MP  2 Megapixels (colour)  Ideal and recommended resolution  1200 x 1600  Pixel pitch [in mm]  0.27 x 0.27  Supported resolutions  1200 x 1600  Pixel pitch [in mm]  178  Max. viewing angle horizontal  178  Max. viewing angle vertical  178  Max. viewing angle vertical  178  Max. brightness (typical) [in cd/m²]  500  Factory celibrated brightness [in cd/m²]  Max. dark room contrast (typical)  Backlight  LED  FEATURES & OPERATION  Preset color/greyscale modes  1x manual memory location, Text, sRGB, Paper, DICON additional memory spaces through calibration  DICOM tone curve	Areas of application	Healthcare
EAN 4995047065067  SCREEN  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] 200 x 1600  Pixel pitch [in mm] 0.27 x 0.27  Supported resolutions 1200 x 1600  Pixel pitch [in mm] 0.27 x 0.27  Supported resolutions 1200 x 1600  Pixel pitch [in mm] 178  Max. viewing angle horizontal 178  Max. viewing angle vertical 178  Number of colors or greyscale 178  Number of colors or greyscale 243 billion colors (DisplayPort, 10 Bit), 16, 7 million color (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/ 240 m²].  Max. dark room contrast (typical) 1800:1  Backlight LED  FEATURES 8 OPERATION  Preset color/greyscale modes 1x manual memory location, Text, sRGB, Paper, DICOA additional memory spaces through calibration  JICOM tone curve 4  Hardware calibration of brightness and light density characteristic curve 2  Digital Uniformity Equalizer (homogenity curve calibration 4)  Sensors 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, Reso lution, Scaling, Skip color mode, OSD language, Signa input, Key lock, Blur reduction	Product line	RadiForce
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] 2 Megapixels (colour)  Ideal and recommended resolution 1200 x 1600  Pixel pitch [in mm] 0.27 x 0.27  Supported resolutions 1200 x 1600  Panel technology IPS  Max. viewing angle horizontal 178  Max. viewing angle vertical 178  Max. viewing angle vertical 178  Number of colors or greyscale 1.07 billion colors (DisplayPort, 10 Bit), 16.7 million color (DVI, 8 Bit), 16.7 million colors (DisplayPort, 8 Bit)  Max. brightness (typical) [in cd/m²] 500  Factory calibrated brightness [in cd/m²] 500  Factory calibrated brightness [in cd/m²] 1800.1  Backlight LED  FEATURES 8 OPERATION  Preset color/greyscale modes 1x manual memory location, Text, sRGB, Paper, DICON additional memory spaces through calibration of brightness and light density characteristic curve 1 Color fill the properties of the propert	Areas of application	
Screen size [in inches] 21  Screen size [in cm] 54  Format 3-4  Viewable image size (width x height) 324 x 432  [in mm] 2 Megapixels (colour)  Ideal and recommended resolution 1200 x 1600  Pixel pitch [in mm] 0.27 x 0.27  Supported resolutions 1200 x 1600  Panel technology IPS  Max. viewing angle horizontal 178  Max. viewing angle horizontal 178  Number of colors or greyscale 1.07 billion colors (DisplayPort, 10 Bit), 16.7 million colors (Div, 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]. 1800:1  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   Hardware calibration of brightness and light density characteristic curve  Digital Uniformity Equalizer (homogeneity correction)  Hybrid Gamma PXL  V  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 lution, Sealing, Skip color mode, OSD language, Signa input, Key lock, Blur reduction	EAN	4995047065067
Screen size [in cm] 54  Format 3:4  Viewable image size (width x height) [in mm] 22 Megapixels (colour)  Ideal and recommended resolution 1200 x 1600  Pixel pitch [in mm] 0.27 x 0.27  Supported resolutions 1200 x 1600  Panel technology IPS  Max. viewing angle horizontal 178  Max. viewing angle horizontal 178  Number of colors or greyscale 1.07 billion colors (DisplayPort, 10 Bit), 16.7 million color (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/ 240 m²].  Max. dark room contrast (typical) 1800:1  Backlight LED  FEATURES & OPERATION  Preset color/greyscale modes 1x manual memory location, Text, sRGB, Paper, DICOM additional memory spaces through calibration  DICOM tone curve	SCREEN	
Format 3.4  Viewable image size (width x height) [in mm] 324 x 432 [in mm] 2 Megapixels (colour)  Ideal and recommended resolution 1200 x 1600  Pixel pitch [in mm] 0.27 x 0.27  Supported resolutions 1200 x 1600  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 color (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/ 240 m²].  Max. dark room contrast (typical) 1800:1  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   Hardware calibration of brightness and light density characteristic curve  Digital Uniformity Equalizer (homogeneity correction)  Hybrid Gamma PXL  V  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, Resolution, Scaling, Skip color mode, OSD language, Signa input, Key lock, Blur reduction	Screen size [in inches]	21
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  Supported resolutions  1200 x 1600  Panel technology  IPS  Max. viewing angle horizontal  178  Max. viewing angle vertical  178  Number of colors or greyscale  (DVI, 8 Bit), 16.7 million colors (DisplayPort, 10 Bit), 16.7 million color (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  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, Resolution, Scaling, Skip color mode, OSD language, Signa input, Key lock, Blur reduction	Screen size [in cm]	54
[In mm]  Resolution in MP 2 Megapixels (colour)  Ideal and recommended resolution 1200 x 1600  Pixel pitch [in mm] 0,27 x 0,27  Supported resolutions 1200 x 1600  Panel technology IPS  Max. viewing angle horizontal 178  Max. viewing angle horizontal 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/ 240 m²].  Max. dark room contrast (typical) 1800:1  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   Hardware calibration of brightness and light density characteristic curve  Digital Uniformity Equalizer (homogenity correction)  Hybrid Gamma PXL  Julior Million Sensor, Integrated luminance sensor, Backlight Sensor  Ambient Light Sensor, Integrated luminance sensor, Backlight Sensor  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	Format	3:4
Ideal and recommended resolution  1200 x 1600  Pixel pitch [in mm]  0.27 x 0.27  Supported resolutions  1200 x 1600  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 color (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  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 (homogenity correction)  Hybrid Gamma PXL  V  Blur reduction  V  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 look, Blur reduction		324 x 432
Pixel pitch [in mm] 0,27 x 0,27  Supported resolutions 1200 x 1600  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 color (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/ 240 m²].  Max. dark room contrast (typical) 1800:1  Backlight LED  FEATURES & OPERATION  Preset color/greyscale modes 1x manual memory location, Text, sRGB, Paper, DICON additional memory spaces through calibration  DICOM tone curve   Hardware calibration of brightness and light density characteristic curve  Digital Uniformity Equalizer (homogeneity correction)  Hybrid Gamma PXL    Blur reduction    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	Resolution in MP	2 Megapixels (colour)
Supported resolutions  1200 x 1600  Panel technology  IPS  Max. viewing angle horizontal  178  Max. viewing angle vertical  178  Number of colors or greyscale  (DVI, 8 Bit), 16.7 million colors (DisplayPort, 10 Bit), 16.7 million color (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 & 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  V  Blur reduction  V  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	Ideal and recommended resolution	1200 x 1600
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 color (DVI, 8 Bit), 16.7 million colors (DisplayPort, 8 Bit)  Max. dark room contrast (typical) [in cd/m²] 500  Factory calibrated brightness (in cd/m²] 1800:1  Backlight LED  FEATURES & OPERATION  Preset color/greyscale modes 1x manual memory location, Text, sRGB, Paper, DICON additional memory spaces through calibration  DICOM tone curve   Hardware calibration of brightness and light density characteristic curve  DIGOM tone curve   What was a summary location, Text, sRGB, Paper, DICON additional memory spaces through calibration   What was a summary location, Text, sRGB, Paper, DICON additional memory spaces through calibration   What was a summary location, Text, sRGB, Paper, DICON additional memory spaces through calibration   What was a summary location, Text, sRGB, Paper, DICON additional memory spaces through calibration   What was a summary location, Text, sRGB, Paper, DICON additional memory spaces through calibration   What was a summary location, Text, sRGB, Paper, DICON additional memory spaces through calibration   What was a summary location, Text, sRGB, Paper, DICON additional memory spaces through calibration	Pixel pitch [in mm]	0,27 x 0,27
Max. viewing angle horizontal  178  Max. viewing angle vertical  178  Number of colors or greyscale  107 billion colors (DisplayPort, 10 Bit), 16.7 million color (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 & 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  V  Blur reduction  V  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	Supported resolutions	1200 x 1600
Number of colors or greyscale  Number of colors or greyscale  1.07 billion colors (DisplayPort, 10 Bit), 16.7 million color (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 & OPERATION  Preset color/greyscale modes  1x manual memory location, Text, sRGB, Paper, DICON additional memory spaces through calibration  DICOM tone curve  I hardware calibration of brightness and light density characteristic curve  Digital Uniformity Equalizer (homogeneity correction)  Hybrid Gamma PXL  I while the sensor, Integrated luminance sensor, Backlight Sensor  On-screen menu languages  J 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	Panel technology	IPS
Number of colors or greyscale  1.07 billion colors (DisplayPort, 10 Bit), 16.7 million color (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 6 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  V  Blur reduction  V  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	Max. viewing angle horizontal	178
(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]. 1800:1  Backlight LED  FEATURES & OPERATION  Preset color/greyscale modes 1x manual memory location, Text, sRGB, Paper, DICON additional memory spaces through calibration  DICOM tone curve   Hardware calibration of brightness and light density characteristic curve  Digital Uniformity Equalizer (homogeneity correction)  Hybrid Gamma PXL  Blur reduction   Sensors 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	Max. viewing angle vertical	178
Max. brightness (typical) [in cd/m²] 500  Factory calibrated brightness [in cd/m²].  Max. dark room contrast (typical) 1800:1  Backlight LED  FEATURES & OPERATION  Preset color/greyscale modes 1x manual memory location, Text, sRGB, Paper, DICON additional memory spaces through calibration  DICOM tone curve   Hardware calibration of brightness and light density characteristic curve  Digital Uniformity Equalizer (homogeneity correction)  Hybrid Gamma PXL   Blur reduction   Sensors 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	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)
Factory calibrated brightness [in cd/ m³].  Max. dark room contrast (typical) 1800:1  Backlight LED  FEATURES & OPERATION  Preset color/greyscale modes 1x manual memory location, Text, sRGB, Paper, DICON additional memory spaces through calibration  DICOM tone curve   Hardware calibration of brightness and light density characteristic curve  Digital Uniformity Equalizer (homogeneity correction)  Hybrid Gamma PXL  July Blur reduction  Sensors 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	Color palette/look-up table	543 billion colour tones / 13 bit
Max. dark room contrast (typical)  Backlight  LED  FEATURES & OPERATION  Preset color/greyscale modes  1x manual memory location, Text, sRGB, Paper, DICON additional memory spaces through calibration  DICOM tone curve  Hardware calibration of brightness and light density characteristic curve  Digital Uniformity Equalizer (homogeneity correction)  Hybrid Gamma PXL  July 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	Max. brightness (typical) [in cd/m²]	500
FEATURES & OPERATION  Preset color/greyscale modes  1x manual memory location, Text, sRGB, Paper, DICON additional memory spaces through calibration  DICOM tone curve  ✓  Hardware calibration of brightness and light density characteristic curve  Digital Uniformity Equalizer (homogeneity correction)  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, Resolution, Scaling, Skip color mode, OSD language, Signa input, Key lock, Blur reduction		240
FEATURES & OPERATION  Preset color/greyscale modes  1x manual memory location, Text, sRGB, Paper, DICON additional memory spaces through calibration  DICOM tone curve  4  Hardware calibration of brightness and light density characteristic curve  Digital Uniformity Equalizer (homogeneity correction)  Hybrid Gamma PXL  4  Blur reduction  5  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	Max. dark room contrast (typical)	1800:1
Preset color/greyscale modes  1x manual memory location, Text, sRGB, Paper, DICON additional memory spaces through calibration  DICOM tone curve	Backlight	LED
additional memory spaces through calibration  DICOM tone curve  Hardware calibration of brightness and light density characteristic curve  Digital Uniformity Equalizer (homogeneity correction)  Hybrid Gamma PXL  J  Blur reduction  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	FEATURES & OPERATION	
Hardware calibration of brightness and light density characteristic curve  Digital Uniformity Equalizer (homogeneity correction)  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	Preset color/greyscale modes	1x manual memory location, Text, sRGB, Paper, DICOM additional memory spaces through calibration
and light density characteristic curve  Digital Uniformity Equalizer (homogeneity correction)  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, Resolution, Scaling, Skip color mode, OSD language, Signa input, Key lock, Blur reduction	DICOM tone curve	✓
neity correction)  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	and light density characteristic	✓
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		<b>✓</b>
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	Hybrid Gamma PXL	✓
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	Blur reduction	✓
Adjustment options  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	Sensors	
perature/White point, Gamma, Color saturation, Reso lution, Scaling, Skip color mode, OSD language, Signa input, Key lock, Blur reduction	On-screen menu languages	de, en, fr, es, it, se
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

Find your EIZO contact: EIZO Europe GmbH Belgrader Straße 2 41069 Mönchengladbach Phone: +49 2161 8210-0