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## 8-megapixel monitor with USB-C docking

The model RadiForce MX317W convinces with a large image diagonal (30.5") and 8 megapixels (4096 x 2160 pixels) resolution. It is equally suitable for the diagnosis of radiological sectional images and projection radiographic images - with the exception of mammography. In addition to the precise display of greyscale and colour images, the MX317W offers numerous docking functions through its USB-C signal interface - making it particularly interesting for teleradiology. The USB-C connectivity enables both the image signal and data to be transmitted and a connected device to be supplied with up to 94 W of power with just a single cable. An additional power supply for notebooks or MacBook Pro is therefore usually no longer necessary. In addition, the monitor is equipped with a LAN connection for a stable network connection. This means that even mobile devices that lack their own RJ45 LAN connection can be connected to the wired network without additional adapters. EIZO pays attention to sustainability in material selection, production and transport. The housing parts of the MX317W consist of more than 70 % recycled plastic. This reduces the amount of plastic waste, conserves resources and promotes the reuse of materials.

- ✓ 8 MP colour screen with reliably high and permanently stable brightness
- ✓ Docking function via USB-C with DisplayPort signal, LAN and power supply up to 94 watts
- ✓ Clear recognition of structures through high contrast and blur reduction
- ✓ Hybrid Gamma PXL function for pixel-precise display of greyscale and colour images with the required luminance characteristic curve
- ✓ Grey tone reproduction with DICOM-GSDF tone curve and image reproduction mode for pathological images
- ✓ Integrated sensor for automatic and exact calibration of white point and tonal value characteristics
- ✓ Automatic control of luminance distribution (Digital Uniformity Equalizer)
- ✓ Prepared for acceptance and constancy testing in accordance with DIN 6868-157 and QS-RL
- ✓ Demonstrably environmentally and socially responsible production
- ✓ 5-year warranty for highest investment security

## Technical Data

GENERAL		FEATURES & OPERATION	
Item no.	MX317W	USB-C docking	✓
Case color	Bicolor, black and white	LAN/RJ-45	✓
Areas of application	Healthcare	KVM switch	✓
Product line	RadiForce	Preset color/greyscale modes	2x manual memory locations, Text, sRGB, DICOM, Patho
Areas of application	Computed tomography/MR imagine, Pathology, (when using EIZO monitors for pathology, it is recommended to evaluate the entire system including the scanner), Non-destructive-testing	DICOM tone curve	✓
EAN	4995047064800	Hardware calibration of brightness and light density characteristic curve	✓
SCREEN		Digital Uniformity Equalizer (homogeneity correction)	✓
Screen size [in inches]	30,5	Hybrid Gamma PXL	✓
Screen size [in cm]	77,5	Blur reduction	✓
Format	17:9	Sensors	Ambient Light Sensor, Integrated luminance sensor, Backlight Sensor
Viewable image size (width x height) [in mm]	685,7 x 361,6	Automatic signal input recognition	✓
Resolution in MP	8 Megapixels (colour)	On-screen menu languages	de, en, fr, es, it, se
Ideal and recommended resolution	4096 x 2160 (4K DCI)	Adjustment options	DICOM tonal value, Brightness, Contrast, Color temperature/White point, Gamma, Color saturation, Resolution, Skip signal input, OSD language, Signal input, Key lock, Blur reduction
Pixel pitch [in mm]	0,1674 x 0,1674	Integrated power unit	✓
Panel technology	IPS	ELECTRICAL DATA	
Max. viewing angle horizontal	178	Frequency	USB Type-C: 31 - 134 kHz / 59 - 61 Hz; DisplayPort: 31 - 134 kHz / 59 - 61 Hz; HDMI: 31 - 136 kHz / 59 - 61 Hz
Max. viewing angle vertical	178	Power consumption (typical) [in watts]	62
Number of colors or greyscale	1.07 billion colors (DisplayPort, 10 Bit), 16.7 million colors (DisplayPort, 8 Bit), 16.7 million colors (HDMI, 8 Bit)	Maximum Power Consumption [in watts]	260 (at maximum brightness and operation of all signal and USB ports as well as full charging power)
Color palette/look-up table	543 billion colour tones / 13 bit	Max. Power consumption in stand-by mode [in watts]	0.5
Max. brightness (typical) [in cd/m <sup>2</sup> ]	550	Power consumption with power switch off [in watts]	0
Factory calibrated brightness [in cd/m <sup>2</sup> ]	270	Power supply	AC 100-240V, 50/60Hz
Max. dark room contrast (typical)	1800:1	Max. USB-C Power Delivery [in Watt]	94
Response time black/white/black change (typical)	25	DIMENSIONS & WEIGHT	
Backlight	LED	Dimensions (incl. stand) (width x height x depth) [in mm]	721 x 469,5 - 569,5 x 225,1
CONNECTIONS		Weight (incl. stand) [in kg]	12,4
Signal inputs	USB-C (DisplayPort Alt Mode), HDMI, 2x DisplayPort	Dimensions (without stand) (width x height x depth) [in mm]	721 x 401 x 73
Signal outputs	USB-C (for daisy chain)	Weight (without stand) [in kg]	8,2
Daisy-chain capable	✓	Dimension drawing (PDF)	<a href="#">Dimension drawing (PDF)</a>
USB specification	USB 2	Rotatability of the stand [in °]	70
USB upstream ports	1 x type C (DisplayPort Alt Mode, 94 W max.), 2 x type B	Tiltability forwards/backwards [in °]	5 / 30
USB downstream ports	3 x type A, 1 x type C (DisplayPort Alt Mode, 15 W max.)	Height adjustment range [in mm]	100
Network connection	RJ-45	Hole spacing	100 x 100
LAN standards	IEEE802.3ab (1000BASE-T)		
Graphic signal	DisplayPort, HDMI (RGB, YUV)		

## CERTIFICATION & STANDARDS

<b>Certification</b>	CE (Medical Device), UKCA (Medical Device), ANSI /AAMI ES60601-1, CSA C22.2 Nr. 601-1, EN60601-1, IEC60601-1, CB, RCM, FCC-B, CAN ICES-3 (B), VCCI-B, RoHS, WEEE, China RoHS, CCC
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## SOFTWARE & ACCESSORIES

<b>Accompanying software and other accessories are available for download</b>	RadiCS LE
<b>Other box contents</b>	2x Signal cable DisplayPort - DisplayPort, 2x USB cable (Type A - Type B), Signal cable HDMI - HDMI, USB/ signal cable (USB-C - USB-C), Manual via download, Power cord, Quick guide
<b>Accessories</b>	RadiCS (UX2-Kit) (The EIZO software is capable of complete quality management – from calibration through asset management to acceptance and constancy testing.), RadiLight (Comfort Light for Reading Rooms), UX2-Sensor (Calibration sensor for medical monitors), RadiNET Pro (EIZO software for network-based quality management in large facilities – with remote functionality for monitors)
<b>Recommended graphics card</b>	MED-XN63

## WARRANTY

<b>Warranty periode</b>	5 years
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