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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	KVM switch	✓
Areas of application	Healthcare	Preset color/greyscale modes	2x manual memory locations, Text, sRGB, DICOM, Patho
Product line	RadiForce	DICOM tone curve	✓
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	Hardware calibration of brightness and light density characteristic curve	✓
EAN	4995047064800	Digital Uniformity Equalizer (homogeneity correction)	✓
SCREEN		ELECTRICAL DATA	
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	DIMENSIONS & WEIGHT	
Max. viewing angle horizontal	178	Dimensions (incl. stand) (width x height x depth) [in mm]	721 x 469,5 - 569,5 x 225,1
Max. viewing angle vertical	178	Weight (incl. stand) [in kg]	12,4
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)	Dimensions (without stand) (width x height x depth) [in mm]	721 x 401 x 73
Color palette/look-up table	543 billion colour tones / 13 bit	Weight (without stand) [in kg]	8,2
Max. brightness (typical) [in cd/m ²]	550	Dimension drawing (PDF)	Dimension drawing (PDF)
Factory calibrated brightness [in cd/m ²]	270	Rotatability of the stand [in °]	70
Max. dark room contrast (typical)	1800:1	Tiltability forwards/backwards [in °]	5 / 30
Response time black/white/black change (typical)	25	Height adjustment range [in mm]	100
Backlight	LED	Hole spacing	100 x 100
CONNECTIONS			
LAN/RJ-45	✓		
Signal inputs	USB-C (DisplayPort Alt Mode), HDMI, 2x DisplayPort		
Signal outputs	USB-C (for daisy chain)		
Daisy-chain capable	✓		
USB specification	USB 2		
USB upstream ports	1 x type C (DisplayPort Alt Mode, 94 W max.), 2 x type B		
USB downstream ports	3 x type A, 1 x type C (DisplayPort Alt Mode, 15 W max.)		
Network connection	RJ-45		
LAN standards	IEEE802.3ab (1000BASE-T)		
Graphic signal	DisplayPort, HDMI (RGB, YUV)		

CERTIFICATION & STANDARDS

Certification	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

Accompanying software and other accessories are available for download	RadiCS LE
Other box contents	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
Accessories	RadiCS (UX2-Kit), RadiLight, UX2-Sensor, RadiNET Pro
Recommended graphics card	MED-XN63

WARRANTY

Warranty periode	5 years
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