

[→ Product Website](#)[→ Experience in AR](#)

3-megapixel medical monitor

The 3 megapixel resolution and high brightness of the RadiForce RX370 are perfect for the precise display of radiology images. Greyscale images, especially of thorax and fine structures, as well as colour images from 3D reconstructions and the combination of different imaging techniques, benefit from the high image quality. If desired, the RX370' Hybrid Gamma PXL function automatically selects the luminance characteristics that matches the image. For example, monochrome X-ray images are displayed with DICOM® greyscale characteristics, while the luminance of other images follows a gamma function. The work-and-flow features of the RX370 include the instant backlight booster. This feature temporarily adjusts the brightness of the monitor up to approx. 1100 cd/m² in order for the radiologist to be able to recognise greyscale differentiation. The brightness automatically returns to the original setting after a short time, allowing the screen to be used under typical diagnostic conditions. The RX370's design and technology offer both ergonomic comfort and unparalleled image precision for use in modern radiology. Even the packaging materials used for the RX370 is exemplary. Instead of polystyrene which previous models have used, a padding made of moulded pulp cellulose is within each RX370 box. This is made from recycled cardboard and paper, all helping to reduce EIZO's ecological footprint.

- ✓ Compact and comfortable 3-megapixel colour screen for radiology reporting
- ✓ Clear recognition of structures through high contrast and blur reduction
- ✓ Palette with 543 billion shades for precise colour reproduction with up to 10 bit
- ✓ Hybrid Gamma PXL function for pixel-precise display of greyscale and colour images with the appropriate gamma curve characteristics
- ✓ Uniform homogeneous display surface due to automatic control of luminance distribution (DUE)
- ✓ Prepared for calibration, acceptance and constancy testing according to local standards such as IPEM / AAPM Primary, DIN 6868-157 and QS-RL
- ✓ Effortless quality assurance and built-in calibration sensor
- ✓ Light sensor for measuring the ambient light within the reporting location
- ✓ Ergonomic design with fresh, clean aesthetics
- ✓ Compact dimensions and narrow housing frames
- ✓ 5-year warranty for highest investment security

Technical Data

GENERAL		CONNECTIONS	
Item no.	RX370	Signal inputs	2x DisplayPort (HDCP 1.3), DVI-D (HDCP 1.4)
Case color	Bicolor, black and white	Signal outputs	1x DisplayPort (HDCP 1.2)
Areas of application	Healthcare	Daisy-chain capable	✓
Product line	RadiForce	USB specification	USB 2
Areas of application	Projection radiography, Computed tomography/MR imagine, Nuclear medicine and radiotherapy, Non-destructive-testing	USB upstream ports	2 x type B
EAN	4995047057994	USB downstream ports	1 x type C (15 W charging function), 2x type A
GRAPHIC SIGNAL		Graphic signal	DVI Single Link (TMDS), DisplayPort
SCREEN		ELECTRICAL DATA	
Screen size [in inches]	21,3	Frequency	Digital: 31-127 kHz/29-61,5 Hz; Sync Mode: 29,5-30,5 Hz/59-61 Hz
Screen size [in cm]	54,1	Power consumption (typical) [in watts]	36
Format	3:4	Maximum Power Consumption [in watts]	105 (at maximum brightness with all signal inputs and USB ports in use)
Viewable image size (width x height) [in mm]	324,9 x 433,2	Max. Power consumption in stand-by mode [in watts]	1
Resolution in MP	3 Megapixels (colour)	Power consumption with power switch off [in watts]	0
Ideal and recommended resolution	1536 x 2048	Power supply	AC 100-240V, 50/60Hz
Pixel pitch [in mm]	0,2115 x 0,2115	Max. USB-C Power Delivery [in Watt]	15
Panel technology	IPS	DIMENSIONS & WEIGHT	
Max. viewing angle horizontal	178	Dimensions (incl. stand) (width x height x depth) [in mm]	341,3 x 481,5-571,5 x 200
Max. viewing angle vertical	178	Weight (incl. stand) [in kg]	8
Number of colors or greyscale	1.07 billion colors (DisplayPort, 10 Bit), 16.7 million colors (DisplayPort, 8 Bit)	Weight (without stand) [in kg]	5.2
Color palette/look-up table	543 billion colour tones / 13 bit	Dimension drawing (PDF)	Dimension drawing (PDF)
Max. brightness (typical) [in cd/m ²]	1100	Rotatability of the stand [in °]	70
Recommended brightness [in cd/m ²]	500	Tiltability forwards/backwards [in °]	5 / 30
Max. dark room contrast (typical)	1800:1	Pivot between portrait / landscape	anti-clockwise
Response time black/white/black change (typical)	25	Height adjustment range [in mm]	90
Backlight	LED	Hole spacing	100 x 100
FEATURES & OPERATION		CERTIFICATION & STANDARDS	
Preset color/greyscale modes	2x manual memory locations, Text, sRGB, DICOM	Certification	CE (Medical Device), ANSI/AAMI ES60601-1, CSA C22.2 Nr. 601-1, IEC60601-1, UKCA, RCM, FCC-B, CAN ICES-3 (B), VCCI-B, RoHS, WEEE, China RoHS, CCC, EAC
DICOM tone curve	✓	SOFTWARE & ACCESSORIES	
Hardware calibration of brightness and light density characteristic curve	✓	Accompanying software and other accessories are available for download	RadiCS LE
Digital Uniformity Equalizer (homogeneity correction)	✓	Other box contents	2x Signal cable DisplayPort - DisplayPort, 2x USB cable (Type A - Type B), Manual via download, Power cord
Blur reduction	✓	Accessories	RadiNET Pro, RadiCS (UX2-Kit), RadiLight, MED-XN63
Sensors	Ambient Light Sensor, Integrated luminance sensor, Backlight Sensor	Recommended graphics card	MED-XN63
On-screen menu languages	de, en, fr, es, it, se		
Adjustment options	DICOM tonal value, Brightness, Gamma, Color saturation, Resolution, Scaling, OSD language, Blur reduction		
Button Guide	✓		
Integrated power unit	✓		

WARRANTY

Warranty periode	5 years
Included warranty	The warranty additionally covers normal wear and tear of the backlight when operated at a recommended maximum brightness of 500 cd/sqm and a white point of 7,500 K. EIZO guarantees this brightness for a period of 5 years from the date of purchase or for 20,000 hours of operation, whichever comes first. With a maximum brightness of 400 cd/sqm, the number of operating hours increases to 30,000.



**Experience the
RX370 in AR now!**

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