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6-megapixel medical monitor

Thanks to its 6 megapixels, the RadiForce RX660 provides plenty of space to simultaneously display multiple radiological images and is more convenient to use than a dual-screen solution with 3-megapixel monitors. The size and resolution of the monitor allows users to more flexibly organize images as they choose. The RX660 makes that possible without the annoying bezel that is unavoidable in dual-screen configurations. This singlemonitor solution also takes up less space than two monitors. Narrow black frontal bezels make the RX660 ideal for use in dark environments. They make it easy to visually concentrate on the display. Meanwhile, a white bezel at the side of the monitor creates a fresh, clean look. The front sensor (IFS) integrated into the bezel is used for precise calibration and automatic luminance monitoring.

- ✓ 6-megapixel colour display with consistently higher and more stable brightness
- ✓ Clearly defined images thanks to Sharpness Recovery technology
- ✓ Automatic luminance distribution control (Digital Uniformity Equalizer)
- ✓ Set up for calibration, acceptance, and consistency testing in accordance with DIN 6868-157 and QS-RL
- ✓ Effortless quality control and built-in calibration sensor
- ✓ Light sensor to measure ambient light at the diagnostic station
- ✓ Presence sensor means monitor is ready for immediate use whenever the user is in front of it
- ✓ Ergonomic design with fresh, clean look
- ✓ Compact dimensions, narrow bezels, and integrated power supply
- ✓ 5-year warranty for highest investment security

Technical Data

GENERAL

Item no.	RX660
Case color	Bicolor, black and white
Areas of application	Healthcare
Product line	RadiForce
Areas of application	Projection radiography, Pathology, (when using EIZO monitors for pathology, it is recommended to evaluate the entire system including the scanner)

SCREEN

Screen size [in inches]	30
Screen size [in cm]	76
Format	16:10
Viewable image size (width x height) [in mm]	645,5 x 403
Resolution in MP	6 Megapixels (colour)
Ideal and recommended resolution	3280 x 2048
Pixel pitch [in mm]	0,2 x 0,2
Supported resolutions	3280 x 2048
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/m ²]	1000
Recommended brightness [in cd/m ²]	500
Max. dark room contrast (typical)	1500:1
Backlight	LED

FEATURES & OPERATION

Preset color/greyscale modes	2x manual memory locations, Text, sRGB, DICOM
DICOM tone curve	✓
Hardware calibration of brightness and light density characteristic curve	✓
Sensors	Ambient Light Sensor, Presence sensor
Imagen por imagen	✓
On-screen menu languages	de, en, fr, es, it, se
Adjustment options	DICOM tonal value, Brightness, Gamma, Colour tone, Color saturation, Resolution, Scaling, OSD language
Button Guide	✓
Integrated power unit	✓

CERTIFICATION & STANDARDS

Certification	CE (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, EAC
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CONNECTIONS

Signal inputs	2x DisplayPort (HDCP 1.3), DVI-D (HDCP 1.4)
Signal outputs	1x DisplayPort (HDCP 1.2)
Daisy-chain capable	✓
USB specification	USB 2
USB upstream ports	2 x type B
USB downstream ports	3 x type A
Graphic signal	DVI Single Link (TMDS), DisplayPort

ELECTRICAL DATA

Frequency	Digital: 31-127 kHz/22-61 Hz; Sync Mode: 29,5-30,5 Hz/59-61 Hz
Power consumption (typical) [in watts]	93
Maximum Power Consumption [in watts]	190 (at maximum brightness with all signal inputs and USB ports in use)
Max. Power consumption in stand-by mode [in watts]	1.6
Power consumption with power switch off [in watts]	0
Power supply	AC 100-120 V / 200-240 V, 50/60 Hz

DIMENSIONS & WEIGHT

Dimensions (incl. stand) (width x height x depth) [in mm]	682,5 x 490,5-590,5 x 225
Weight (incl. stand) [in kg]	14.2
Weight (without stand) [in kg]	10.1
Dimension drawing (PDF)	Dimension drawing (PDF)
Rotatability of the stand [in °]	70
Tiltability forwards/backwards [in °]	5 / 30
Height adjustment range [in mm]	100
Hole spacing	100 x 100

SOFTWARE & ACCESSORIES

Accompanying software and other accessories are available for download	RadiCS LE
Other box contents	2x Signal cable DisplayPort - DisplayPort, 1x short signal cable DisplayPort - DisplayPort, 2x USB cable (Type A - Type B), Signal cable DVI-D - DVI-D, Manual via download, Power cord
Accessories	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), RadiNET Pro (EIZO software for network-based quality management in large facilities – with remote functionality for monitors)
Recommended graphics card	MED-XN63



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.

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