EIZO®

Medical Monitor Solutions

RadiForce®

extracting the essence.

EIZO – The Visual Technology Company

Innovative Technology

Video Management Solutions

EIZO's Large Monitor Managers gather various video inputs and display them on a large screen. Different layouts can be arranged according to user preference and work environment for a streamlined workflow.

Visibility-enhancing Technology

EIZO's Visibility Optimizer technology includes three functions for improving image clarity in security environments. Defog enhances images that appear hazy due to fog or snow. Low-light Correction detects areas of the screen that are too dark and adjusts the brightness of each pixel. Smart Resolution ensures noise is not accentuated while correcting blurred areas.

IP Decoding Monitors

EIZO's IP solutions enable PC-less connection to multiple IP cameras for efficient video management in security and surveillance environments.

Integrated Approach

Global Reach

EIZO products are highly regarded in many specialty fields throughout the world because of their accurate and stable image display. EIZO is based in Japan and is represented in over 80 countries by a network of Group companies and exclusive distributors.

45+ years of experience

45+ Years of Experience

With over 45 years of technical experience, EIZO is dedicated to developing innovative and high quality visual display solutions.

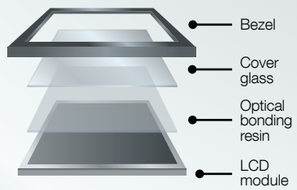
R&D

To incorporate the latest technologies in our products, we follow a unique in-house research and development production model.

Manufacturing

Our in-house manufacturing combines manual and automated operations to ensure high quality products are made as efficiently as possible.

In-house Optical Bonding



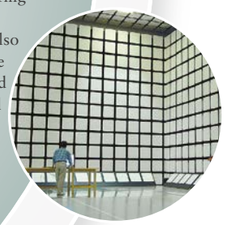
EIZO has an in-house production line for optical bonding, which allows the company to continue to meet the needs of professionals while ensuring each product maintains high quality standards at all times.

Industry-specific Solutions

We offer extensive customization for select monitors to meet the diverse requirements of various markets, including mission-critical fields such as ship and air traffic control.

Quality Control

We use our own anechoic chambers to confirm that our products comply with international regulations covering electromagnetic interference (EMI) and susceptibility. We also conduct long-life testing where our monitors are kept powered on for thousands of hours and their image quality is checked regularly.

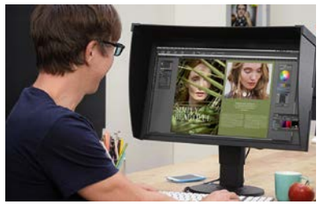


Specialists in every industry

Business Enterprise

FlexScan

The FlexScan series of monitors offers a range of features for reducing eye fatigue and improving image clarity for office, school, or home use.



Graphics

ColorEdge

ColorEdge is a series of color management monitors and software solutions that provides users in the fields of photography, film, and graphic design with faithful color reproduction, ease-of-use, and reliability for expressing their creative vision.

Home Entertainment

FORIS

FORIS is EIZO's line of monitors for gaming and watching videos. With unique features such as smartphone notifications for incoming messages or phone calls, FORIS provides users with an immersive experience.

Healthcare

CuratOR/RadiForce

With CuratOR, EIZO offers complete solutions for the integrated OR, interventional radiology, and the control room. RadiForce medical monitors are designed for displaying medical images faithfully using cutting-edge technology and unique features.

Maritime/Security and Surveillance

DuraVision

DuraVision monitors offer robust performance and reliable 24/7 operation to maritime, security and surveillance, and industrial markets. The monitors are highly configurable for flexible installation in a range of environments.

Air Traffic Control

Raptor/Re/Vue

EIZO provides air traffic control centers, towers, and training and simulation facilities with the most extensive lineup of monitors, recording and streaming solutions, and graphics boards in the industry. Extensive customizability is also offered to meet the needs of any installation.

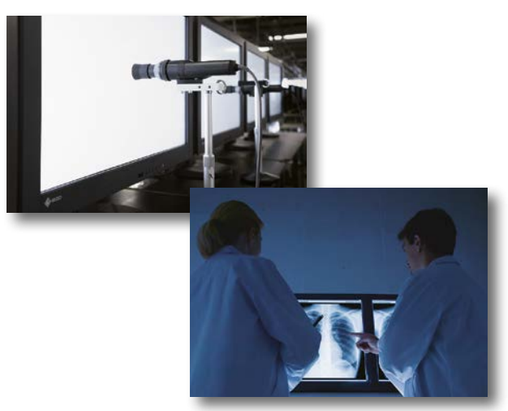
Medical Monitor Solutions

RadiForce®

Specially designed RadiForce 1- to 8-megapixel monochrome and color monitors take full account of medical institutions' needs for different types of monitors with DICOM Part 14 standard calibration and high-performance capabilities required for precise diagnosis.

Make a Precise Diagnosis

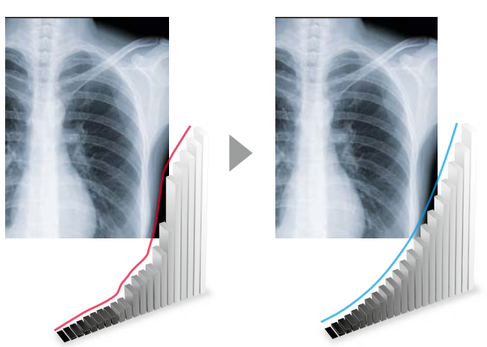
EIZO carefully measures and sets each and every grayscale tone to create a monitor compliant with DICOM Part 14. This ensures the most consistent shading possible, allowing you to make the most accurate diagnosis. MS models also feature a DICOM preset mode for optimal medical image viewing.



Maintain Precision

Perform a simplified calibration compliant with DICOM Part 14 using the bundled RadiCS LE quality control software. RadiCS LE corrects the brightness and grayscale tones of the monitor to maintain image accuracy and consistency over time.

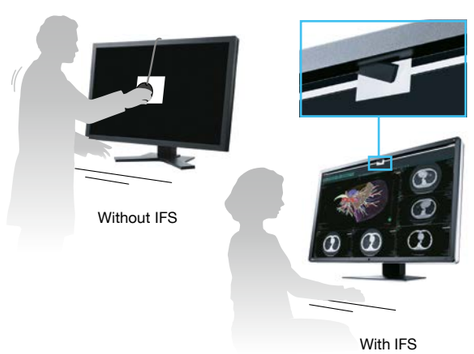
RadiCS LE is not bundled with the MS235WT.



Manage Effortless Quality Control

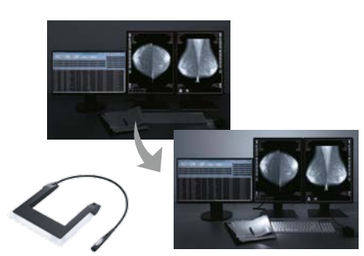
An Integrated Front Sensor (IFS) housed within the front bezel measures brightness and grayscale tones and calibrates to the DICOM Part 14 standard. When used with the RadiCS quality control software, the sensor automatically executes constancy checks. The hands-free IFS performs quality control tasks and does not interfere with the viewing area while in use. This dramatically cuts the workload and maintenance costs needed for maintaining monitor quality control.

All models except the MS242W, MX191, and MS235WT.



Relax Your Eyes

In order to prevent reflections on the monitor screen caused by ambient light, reading rooms where radiologists carefully examine medical images are often kept dark. However, viewing a bright monitor in a dark environment over a long period can cause eyestrain and make it more difficult to see documents or other tools in the workstation. RadiLight attaches to the back of RadiForce monitors and shines a light on the wall behind it. This eases the amount of concentrated light traveling to the radiologist's eyes to reduce eyestrain without impacting the visibility of the images on the screen. It is equipped with a spotlight called RadiLight Focus that allows you to check or read printed documents or see your keyboard and other tools.



View Accurate Images in Moments

The EIZO-patented drift correction function quickly stabilizes the brightness level of the monitor upon startup or wakeup from sleep mode, which quickly provides you with the most accurate images that are ready for viewing. Additionally, a sensor measures the backlight brightness and automatically compensates for brightness fluctuations caused by ambient temperature and aging for a consistently stable display.

All models except the MS235WT.

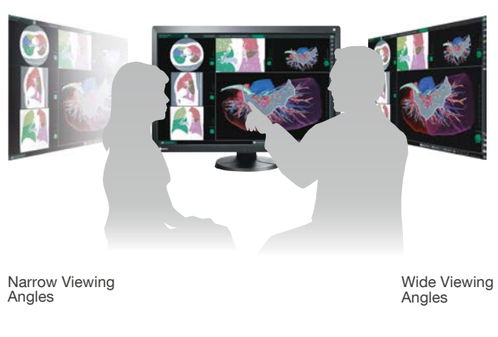
Attain Steady Images Across the Screen

The Digital Uniformity Equalizer (DUE) function helps even out fluctuations in brightness and chrominance on different parts of the screen to provide smoother images, a quality typically difficult to attain due to the characteristics of LCD monitors.

All models except the MX191 and MS235WT.

Comfortably View from Any Angle

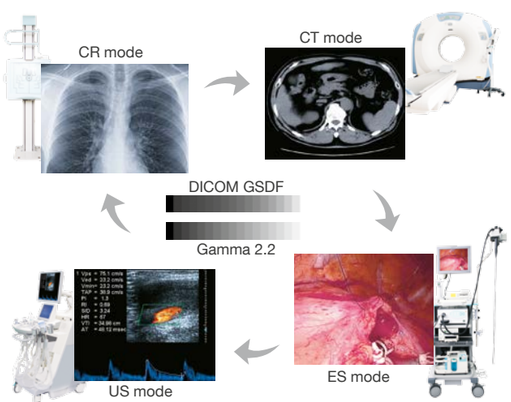
Wide viewing angles allow you to view the screen from the side with minimal color shift, which also permits more than one person to view the monitor comfortably at the same time.



Select the Ideal Mode for Modalities

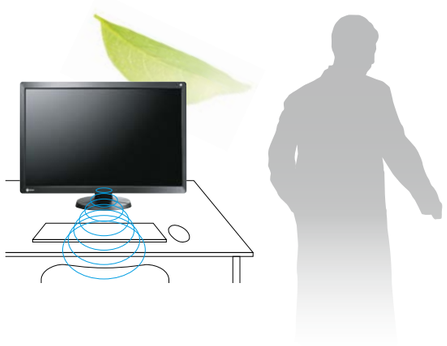
The CAL Switch function allows you to choose various modes for different modalities such as CR, CT, and endoscopy. It can be conveniently accessed using the monitor's front panel buttons to easily switch to optimal image viewing conditions.

Mode numbers and types vary by model.



Conserve Energy While Away

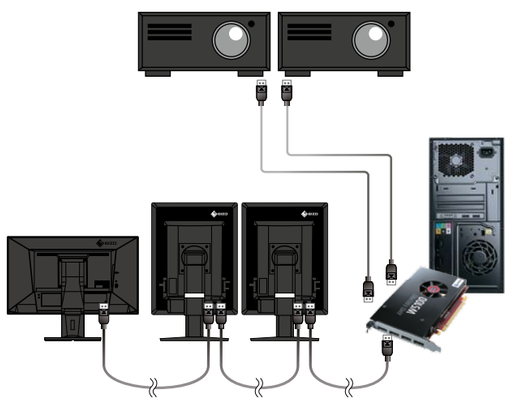
The presence sensor feature with which some models are equipped prompts the monitor to switch to power save mode when it detects you are away, and then resumes normal operation when you return. This ensures that the monitor conserves power when it is not in use, uniting convenience with savings.



Hassle-free Multi-monitor Solution

It's a breeze to daisy-chain several monitors via their DisplayPort interfaces to enable a convenient multi-monitor solution without the complication of excessive cabling.

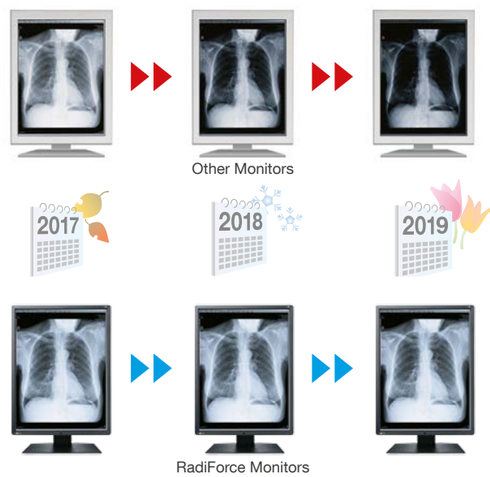
Applies for GX550, RX660, RX350, RX250, and MX315W.



Rely on Stable Brightness

EIZO's confidence in its product quality extends to brightness stability, which is also covered during the usage time specified in the warranty.

All models except the MX-Series.



Rest Assured of Medical Qualifications

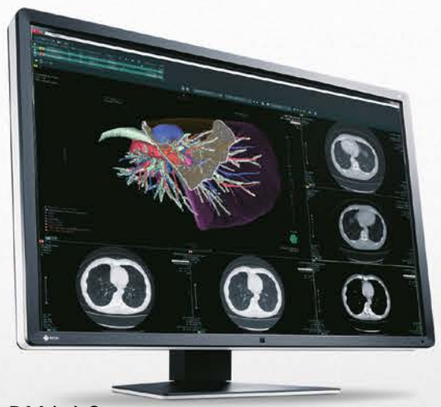
The monitors meet the strictest medical, safety, and EMC emission standards.

Multi-Modality-Monitors

RadiForce® Multi-Series

In keeping with advances in medical imaging technology over the years, hospitals are now handling a wider variety and larger volume of image data. The multi-modality approach of RadiForce super high-resolution diagnostic monitors allows a variety of images to be displayed on a single screen – an essential step forward for medicine.

8MP RX850
79 cm (31.1"), Color LCD Monitor



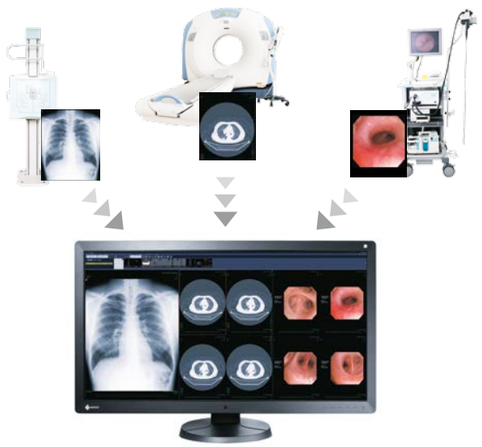
6MP RX660
76 cm (30"), Color LCD Monitor

4MP RX440
76 cm (29.8"), Color LCD Monitor

Features

Multi-Modality Readiness

Multi-modality monitors are capable of displaying images to suit a number of modalities, such as CR, DR, MRI, CT, and ultrasound. The RadiForce RX850's 8MP high-resolution screen also displays digital mammography images in exceptional detail.



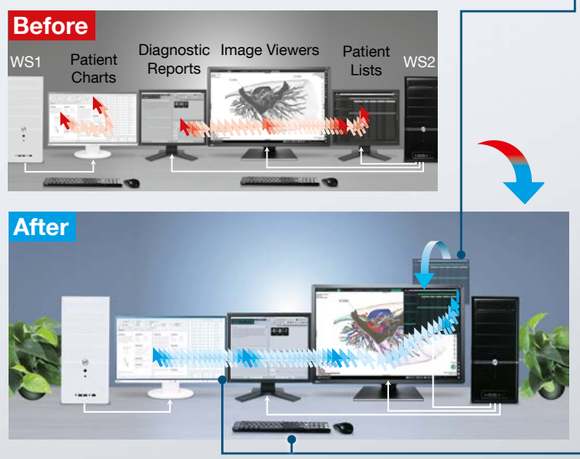
Conveniently View Images Side by Side

Two screens from separate input signals can be displayed simultaneously on one monitor. The bezel-less widescreen enables simplified and flexible operation when it is necessary to view images side by side.

Work-and-Flow

Evolve Your Image Reading

As more image modalities become digitalized, radiologists are viewing an increasing amount of information on their screens. EIZO's unique Work-and-Flow technology reduces the complexity of the imaging workflow with new functions developed with the radiologist in mind. Users can take advantage of Work-and-Flow features with the RadiForce RX660 and bundled RadiCS LE software.



Hide-and-Seek

Quick Information Referencing

The Hide-and-Seek function enables users to easily hide the PinP (Picture in Picture) window not currently in use and reopen it as needed by moving the mouse cursor to the edge of the screen. This eliminates the need for an extra monitor while still allowing quick and efficient viewing of reports, patient charts, and other information.

Switch-and-Go

Barrier-free Way of Working

With the Switch-and-Go function USB switching is done within the monitor. This enables users to use a single keyboard and mouse across two workstations. Users can easily work on either workstation by simply moving the mouse cursor across the screens. This enhances work efficiency and creates a cleaner workspace.

Digital Mammography Monitors

RadiForce® Mammo-Series

It is vital to the process of early breast cancer detection that monitors display accurate, consistent, and high-quality images. EIZO provides optimum diagnostic confidence with special versions of the RadiForce 5-megapixel and 8-megapixel monitors for displaying breast screening images.

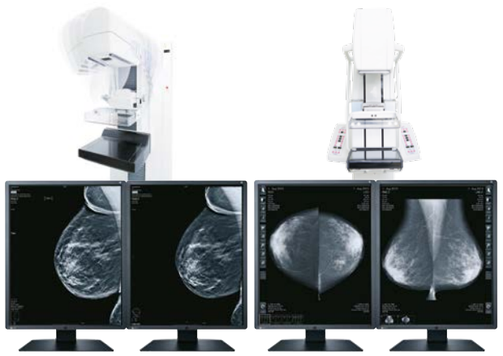
5MP GX550
54 cm (21.3"), Monochrome LCD Monitor

8MP RX850
79 cm (31.1"), Color LCD Monitor

Features

Optimum Breast Screening Monitor

The RadiForce GX550 has obtained FDA 510(k) clearance from the U.S. Food and Drug Administration for breast tomosynthesis and mammography. This ensures that the monitor is capable of displaying detailed breast screening images for which high performance is essential.



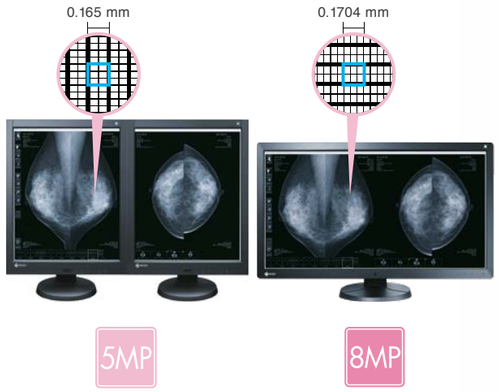
Breast Tomosynthesis　　Mammography

Maintain High Performance

Having received FDA 510(k) clearance for breast tomosynthesis, mammography, and general radiography from the U.S. Food and Drug Administration, the RadiForce RX850 is not only capable of displaying MRI, CT, and ultrasound images, but also breast tomosynthesis and digital mammography images for which high performance is essential. With multi-modality support, you can increase work efficiency with the ability to view numerous medical images on one screen with exceptional accuracy.

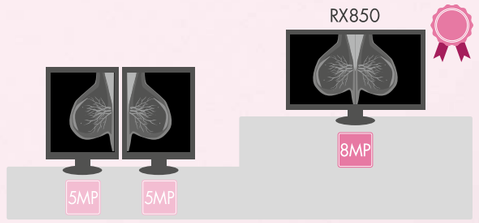
Bring Out the Finest Details

RadiForce RX850's tight pixel pitch of 0.1704 displays high-resolution images pixel by pixel with exceptional detail even when compared to a 5-megapixel monitor such as the RadiForce GX550. The RX850 also offers a high contrast ratio of 1450:1 to accurately render finer details.



RadiForce RX850 Improves Reader Efficiency

A research study conducted by the University of Arizona's Department of Medical Imaging demonstrated that a single RadiForce RX850 8-megapixel monitor significantly improves reader efficiency compared with a dual 5-megapixel RadiForce GX540 monitor configuration.



- ☑ Viewing Time — 10 % less
- ☑ Total Number of Fixed Eye Positions — 13 % less
- ☑ Number of Times Viewers Scanned from One Image to the Other — 17 % less

Diagnostic Monitors

RadiForce® G&R-Series

High-resolution 3-megapixel monitors are capable of fully displaying chest X-ray images. 2-megapixel monitors are ideal for a wide variety of tasks, from viewing CR, DR, MRI, and CT images, to use as a PACS/HIS/RIS terminal.

3MP GX340
54 cm (21.3"), Monochrome LCD Monitor

2MP GX240
54 cm (21.3"), Monochrome LCD Monitor

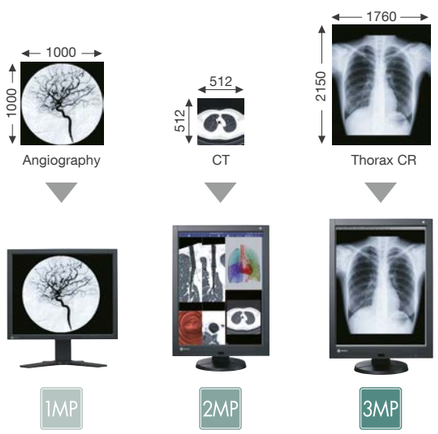
3MP RX350
54 cm (21.3"), Color LCD Monitor

2MP RX250
54 cm (21.3"), Color LCD Monitor

Features

Images for Special Applications

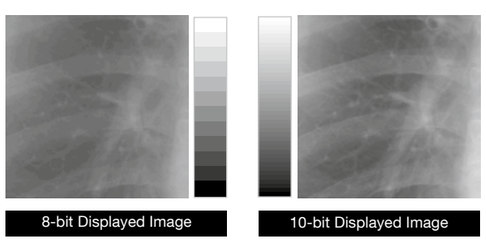
The full range of RadiForce diagnostic monitors includes ideal options for displaying various types of medical images required for many different fields. Selecting a monitor with the appropriate resolution to display particular images ensures proper support for the image volume.



Discern Subtleties in Grayscale Tones

The GX340 and GX240 10-bit (1024 tones) simultaneous grayscale display reproduces monochrome images with a high bit-depth for a sharper, clearer result.

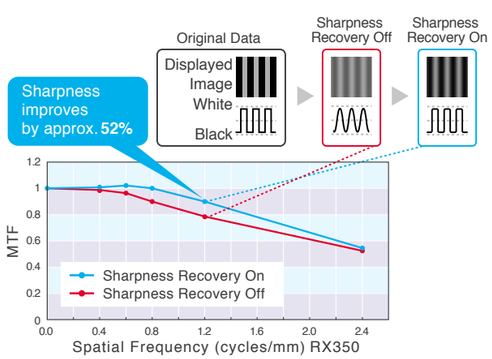
10-bit graphics board and 10-bit viewer software needed for 10-bit display.



Sharpness Recovery Technology

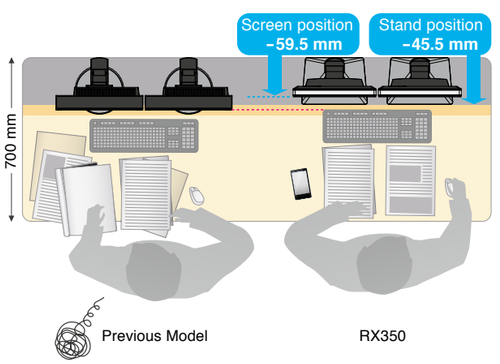
LCD panels with high brightness can exhibit a drop in sharpness when displaying an image. This situation is due to the aperture ratio of the pixels becoming larger. The Sharpness Recovery technology developed by EIZO, restores lost information in contours, displaying an image with maximum clarity. When the Sharpness Recovery technology is enabled, the Modulation Transfer Function (MTF) increases greatly. This results in a more clearly defined image.

Applies for GX550, RX660, RX350, and RX250.



Free Up Space with Sleek Housing Design

The black bezel ensures that the image is ideally displayed in darkened reading rooms, enabling you to better focus on the specific image on hand. The white stripe around the sides of the RX350 and RX250 monitors creates a modern and uncluttered appearance. These monitors have also been made more compact in size. The RX350 and RX250 monitors require 30 percent less space than their predecessors, freeing up more space for other tasks.



Clinical Review Monitors

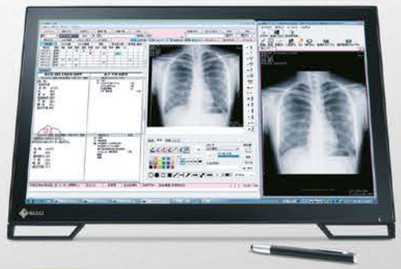
RadiForce® MX-Series

Clinical review monitors with a superior cost-benefit ratio are ideal for viewing patient charts with MRI and CT medical images in keeping with the DICOM Part 14 standard. Additionally, they are available in widescreen and square formats in various resolutions to meet the diverse needs of hospitals and clinics.

8MP MX315W
79 cm (31.1"), Color LCD Monitor

2.3MP MX242W
61 cm (24.1"), Color LCD Monitor

2MP MX215
54 cm (21.3"), Color LCD Monitor



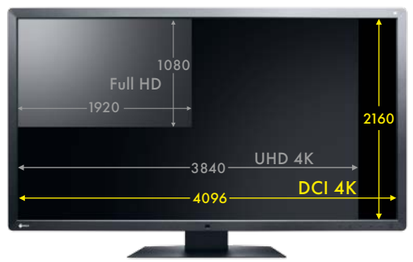
2MP MS235WT
58 cm (23"), Multitouch Color LCD Monitor

1MP MX191
48 cm (19"), Color LCD Monitor

Features

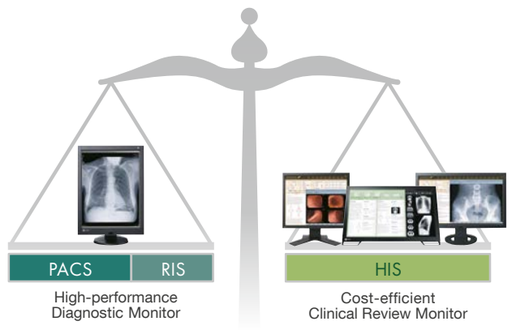
A Better View for Better Work

The 4K resolution of the new MX315W offers outstanding image quality. Thanks to a 140-dpi (dots per inch) matrix, you can display radiological images with clarity and precision. Moreover, the luminance characteristic curve (which is in accordance with the DICOM standard) and the fully automatic adjustment and luminance control with integrated sensor ensure proper image reproduction.



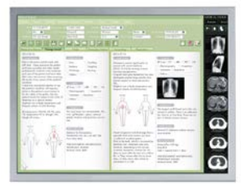
Stay Cost-efficient

The MX-Series includes more cost-efficient solutions for environments using clinical record applications for image referencing, so you can continue to review medical images optimized for DICOM Part 14 while ensuring higher savings.



View More with Widescreen

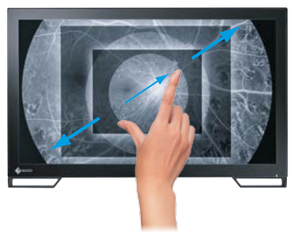
The 16:10 or 16:9 aspect ratio of the widescreen monitors provides significantly more horizontal space than the aspect ratios of conventional square monitors. The screen is wide enough for you to keep tool palettes open without covering the window you are working on.



Easily Interact with Images

Both intuitive and easy to work with, the MS235WT multitouch interface lets you tap, scroll, drag, pinch, spin, and more with your fingers instead of using a mouse and keyboard, for convenient interaction with images.

Drag

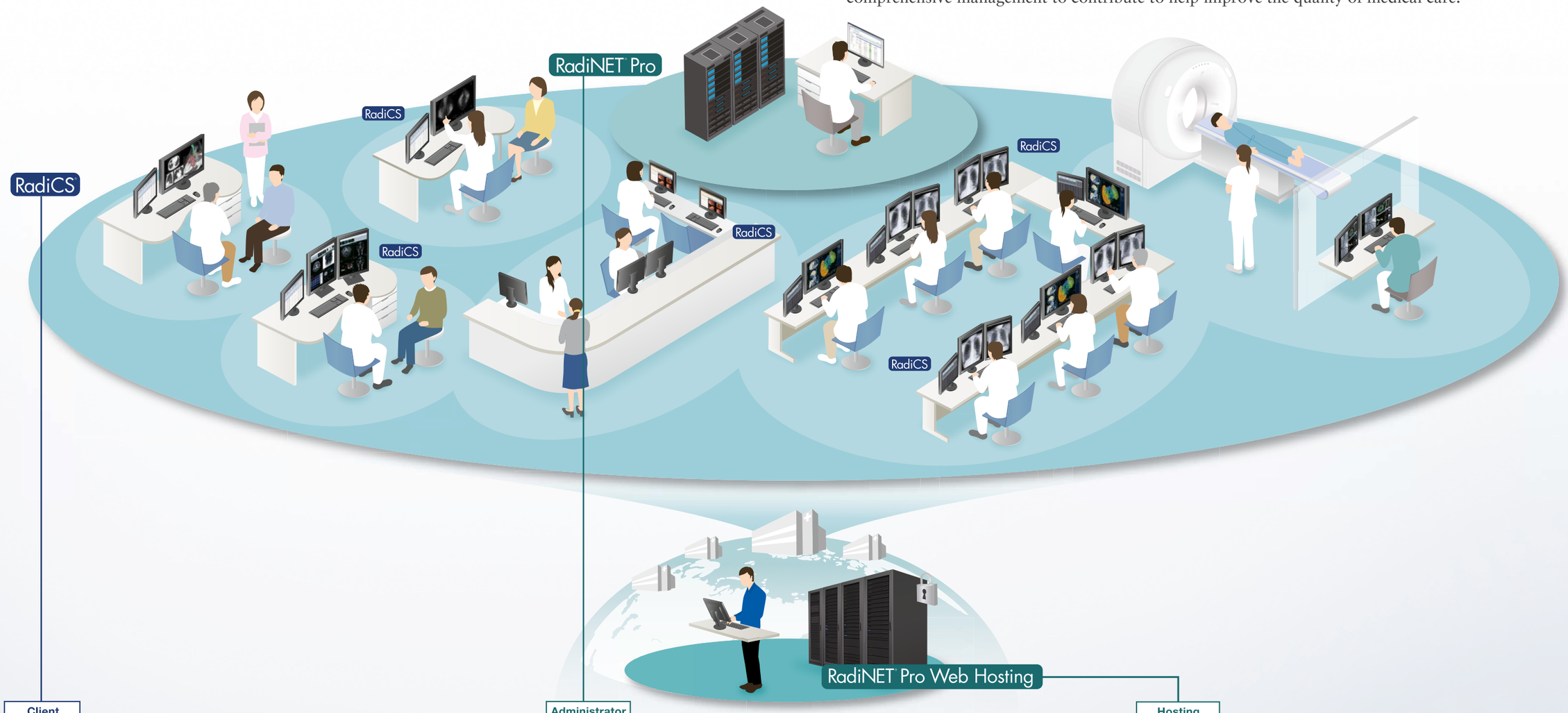


Pinch In/Out

Monitor Quality Control Solutions

RadiCS® and RadiNET® Pro

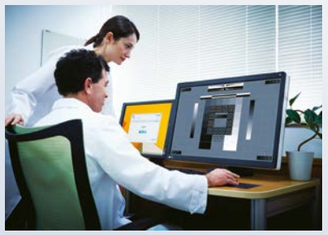
Since digital imaging is becoming more popular in the field of medicine maintaining the quality of monitors for medical imaging is becoming increasingly important. Drawing upon its expertise as a specialist in visual display solutions, EIZO offers monitor quality control solutions for diagnostic precision and comprehensive management to contribute to help improve the quality of medical care.



Client

Quality Control Software and Sensor

RadiCS®



Maintain Quality Control of Individual Monitors

Ensuring that the quality control of each client monitor complies with important medical standards, from calibration to acceptance, and from constancy tests to history and asset management, requires technical know-how and experience. EIZO offers software and sensors that make quality control efficient and user-friendly.

Administrator

Network QC Management Software

RadiNET® Pro

Maintain Quality Control for a Large Number of Monitors

Maintaining quality control for a large number of monitors in hospitals takes a great deal of effort. EIZO offers centralized management for client monitors connected to the hospital network, thereby increasing the efficiency of monitor QC operations.

Hosting

Network QC Management Server Providing

RadiNET® Pro Web Hosting

Expert Quality Control Services for Reassurance

Setting up and maintaining a server for monitor quality control operations is a significant investment. EIZO will set up and host the Web server for you to enable efficient, centralized control of all connected monitors.

Capturing the smallest details is essential in medical practice.

Only those who can obtain a clear picture, and distinguish
what is important from what is not, will be able to obtain clear medical results.
Exceptional image quality, a perfectly coordinated network, support software,
and excellent customer service are some of the reasons why EIZO RadiForce
medical solutions are found in leading hospitals around the world.

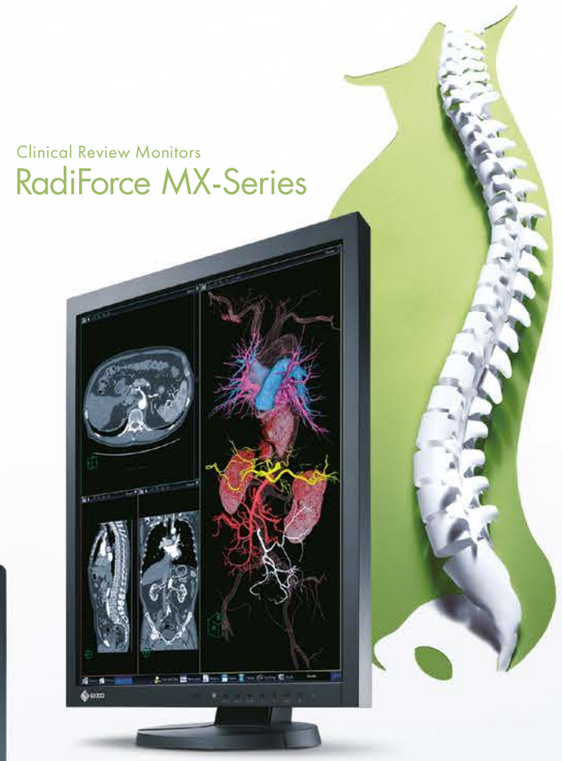
Just like medical professionals, we always have one goal in mind:

extracting the essence.

Diagnostic Monitors
RadiForce G&R-Series

Multi-Modality Monitors
RadiForce Multi-Series

Digital Mammography Monitors
RadiForce Mammo-Series



Clinical Review Monitors
RadiForce MX-Series

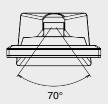
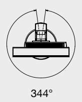
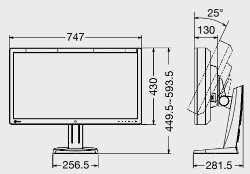
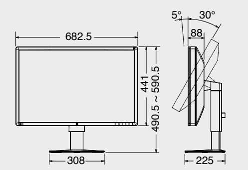
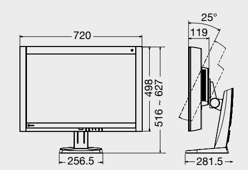
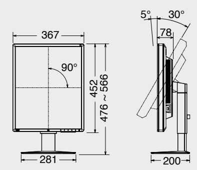
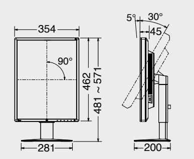
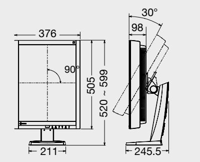
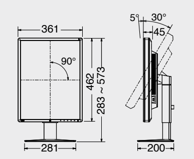
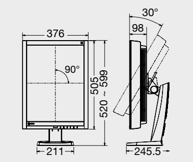
Monitor Quality Control Solutions
RadiCS and RadiNET Pro

Specifications








		8MP RadiForce RX850	6MP RadiForce RX660	4MP RadiForce RX440	5MP RadiForce GX550	3MP RadiForce RX350	3MP RadiForce GX340	2MP RadiForce RX250	2MP RadiForce GX240
Cabinet Color		Bi-Color, Black/White	Bi-Color, Black/White	Black	Bi-Color, Black/White	Bi-Color, Black/White	Black	Bi-Color, Black/White	Black
Panel	Type	Color TFT LCD Panel (IPS)	Color TFT LCD Panel (IPS)	Color TFT LCD Panel (IPS)	Color TFT LCD Panel (IPS)	Color TFT LCD Panel (IPS)	Color TFT LCD Panel (IPS)	Color TFT LCD Panel (IPS)	Color TFT LCD Panel (IPS)
	Backlight	LED	LED	LED	LED	LED	LED	LED	LED
	Size	79 cm/31.1"	76 cm/30"	76 cm/29.8"	54.1 cm/21.3"	54.1 cm/21.3"	54 cm/21.3"	54 cm/21.3"	54 cm/21.3"
	Native Resolution	4096×2160 (17:9 aspect ratio)	3280×2048 (16:10 aspect ratio)	2560×1600 (16:10 aspect ratio)	2048×2560 (4:5 aspect ratio)	1536×2048 (3:4 aspect ratio)	1536×2048 (3:4 aspect ratio)	1200×1600 (3:4 aspect ratio)	1200×1600 (3:4 aspect ratio)
	Viewable Image Size (H×V)	697.9×368.0 mm	645.5×403.0 mm	641.2×400.8 mm	337.9×422.4 mm	324.9×433.2 mm	324.8×433.1 mm	324.0×432.0 mm	324.0×432.0 mm
	Pixel Pitch	0.1704×0.1704 mm	0.1968×0.1968 mm	0.2505×0.2505 mm	0.165×0.165 mm	0.2115×0.2115 mm	0.2115×0.2115 mm	0.270×0.270 mm	0.270×0.270 mm
	Grayscale Tones/Display Colors	10-bit colors (DisplayPort): 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors	10-bit colors (DisplayPort): 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors	10-bit colors (DisplayPort): 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors	10-bit (DisplayPort): 1,024 from a palette of 16,369 tones 8-bit: 256 from a palette of 16,369 tones	10-bit colors (DisplayPort): 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors	10-bit (DisplayPort): 1024 from a palette of 16,369 tones 8-bit: 256 from a palette of 16,369 tones	10-bit colors (DisplayPort): 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors	10-bit (DisplayPort): 1024 from a palette of 16,369 tones 8-bit: 256 from a palette of 16,369 tones
	Viewing Angles (H/V, Typical)	178°/178°	176°/176°	176°/176°	178°/178°	178°/178°	176°/176°	178/178°	176°/176°
	Brightness (Typical)	850 cd/m^2	1000 cd/m^2	750 cd/m^2	2000 cd/m^2	1000 cd/m^2	1200 cd/m^2	800 cd/m^2	1200 cd/m^2
	Recommended Brightness for Calibration	500 cd/m^2	500 cd/m^2	400 cd/m^2	600 cd/m^2	500 cd/m^2	500 cd/m^2	400 cd/m^2	500 cd/m^2
	Contrast Ratio (Typical)	1450:1	1500:1	1100:1	1500:1	1500:1	1400:1	1400:1	1400:1
	Response Time (Typical)	20 ms (On/Off)	25 ms (On/Off)	20 ms (On/Off)	25 ms (On/Off)	25 ms (On/Off)	40 ms (On/Off)	20 ms (On/Off)	40 ms (On/Off)
Video Signals	Input Terminal	2× DVI-D (dual link), 2×DisplayPort (two inputs are required)	1×DVI-D (dual link), 2×DisplayPort	1×DVI-D (dual link), 1×DVI-D (single link), 1×DisplayPort	1×DVI-D (dual link), 1×DisplayPort	1×DVI-D (dual link), 1×DisplayPort	1×DVI-D (dual link), 1×DisplayPort	1×DVI-D, 1×DisplayPort	1×DVI-D, 1×DisplayPort
	Output Terminal	–	DisplayPort (Daisy Chain)	–	DisplayPort (Daisy Chain)	DisplayPort (Daisy Chain)	–	DisplayPort (Daisy Chain)	–
	Digital Scanning Frequency (H/V)	31–140 kHz, 59–61 Hz Frame synchronous mode: 29.5–30.5 Hz, 59–61 Hz	31–127 kHz, 22–61 Hz Frame synchronous mode: 29.5–30.5 Hz, 59–61 Hz	31–159 kHz, 29–61 Hz Frame synchronous mode: 59–61 Hz, 29.5–30.5 Hz	31–135 kHz, 23–61 Hz Frame synchronous mode: 23.5–25.5 Hz, 47–51 Hz	31–127 kHz, 29–61.5 Hz Frame synchronous mode: 29.5–30.5 Hz, 59–61 Hz	31–127 kHz, 29–61.5 Hz Frame synchronous mode: 29.5–30.5 Hz, 59–61 Hz	31–100 kHz/59–61 Hz Frame synchronous mode: 59–61 Hz	31–100 kHz, 59–61 Hz Frame synchronous mode: 59–61 Hz
USB	Function	1 upstream, 2 downstream	2 upstream, 3 downstream	1 upstream, 2 downstream	1 upstream, 2 downstream	1 upstream, 2 downstream	1 upstream, 2 downstream	1 upstream, 2 downstream	1 upstream, 2 downstream
	Standard	Rev. 2.0	Rev. 2.0	Rev. 2.0	Rev. 2.0	Rev. 2.0	Rev. 2.0	Rev. 2.0	Rev. 2.0
Power	Power Requirements	AC 100–120 V, 200–240 V: 50/60 Hz	AC 100–240 V: 50/60 Hz	AC 100–120 V, 200–240 V: 50/60 Hz	AC 100–240 V: 50/60 Hz	AC 100–240 V AC: 50/60 Hz	100–120 V AC, 200–240 V AC: 50/60 Hz	100–240 V AC: 50/60 Hz	100–120 V AC, 200–240 V AC: 50/60 Hz
	Maximum Power Consumption	227 W	190 W	167 W	95 W	89 W	90 W	79 W	76 W
	Typical Power Consumption	111 W	93 W	84 W	40 W	46 W	36 W	38 W	29 W
	Power Save Mode	Less than 6 W	Less than 1.6 W	Less than 0.7 W	Less than 1 W	Less than 1 W	Less than 1.6 W	Less than 1 W	Less than 1.6 W
	Power Management	DVI-DMPM, DisplayPort 1.1a	DVI-DMPM, DisplayPort 1.2a	DVI-DMPM, DisplayPort 1.1a	DVI-DMPM, DisplayPort 1.2a	DVI DMPM, DisplayPort 1.2a	DVI-DMPM, DisplayPort 1.1a	DVI DMPM, DisplayPort 1.2a	DVI-DMPM, DisplayPort 1.1a
Sensor		Backlight sensor, integrated front sensor, presence sensor, ambient light sensor	Backlight sensor, integrated front sensor, presence sensor, ambient light sensor	Backlight sensor, integrated front sensor, presence sensor, ambient light sensor	Backlight sensor, integrated front sensor, presence sensor, ambient light sensor	Backlight sensor, integrated front sensor, presence sensor, ambient light sensor	Backlight sensor, integrated front sensor, presence sensor, ambient light sensor	Backlight sensor, integrated front sensor, presence sensor, ambient light sensor	Backlight sensor, integrated front sensor, presence sensor, ambient light sensor
OSD Languages		English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese
Physical Specifica-tions	Net Weight	22.4 kg (AC adapter included)	14.2 kg	20.2 kg	8.1 kg	8.1 kg	10.2 kg	8.2 kg	10.2 kg
	Net Weight (Without Stand)	15.8 kg	10.1 kg	16.0 kg	5.3 kg	5.3 kg	7.5 kg	5.4 kg	7.5 kg
	Hole Spacing (VESA Standard)	100×100 mm	100×100 mm	200×100 mm and 100×100 mm	100×100 mm	100×100 mm	100×100 mm	100×100 mm	100×100 mm
Certifications and Standards[1]		CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, CAN ICES-3(B), RCM, RoHS, China RoHS, WEEE, CCC, EAC	CE (Medical Device Directive), EN60601-1, ANSI/AAMI ES60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, CAN ICES-3(B), RCM, RoHS, China RoHS, WEEE, CCC, EAC	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, CAN ICES-3(B), RCM, RoHS, China RoHS, WEEE, CCC, EAC	CE (Medical Device Directive), EN60601-1, ANSI/AAMI ES60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, CAN ICES-3(B), RCM, RoHS, China RoHS, WEEE, CCC, EAC	CE (Medical Device Directive), EN60601-1, ANSI/AAMI ES60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, CAN ICES-3(B), RCM, RoHS, China RoHS, WEEE, CCC, EAC	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, CAN ICES-3(B), RCM, RoHS, China RoHS, WEEE, CCC, EAC	CE (Medical Device Directive), EN60601-1, ANSI/AAMI ES60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, CAN ICES-3(B), RCM, RoHS, China RoHS, WEEE, CCC, EAC	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, CAN ICES-3(B), RCM, RoHS, China RoHS, WEEE, CCC, EAC
FDA 510(k) Clearance[1, 2, 3]		Yes (for breast tomosynthesis and mammography)	Yes (for general radiography)	Yes (for general radiography)	Yes (for breast tomosynthesis, mammography, and general radiography)	Yes (for general radiography)	Yes (for general radiography)	Yes (for general radiography)	Yes (for general radiography)
Supplied Accessories		AC power cord, AC power supply, 2 Dual Link signal cables (DVI-D – DVI-D), 2 signal cables (DisplayPort – DisplayPort cables), USB cable, mount for power cable, utility disk (RadiCS LE, user's manual, installation manual)	AC power cord, 2 Dual Link signal cables (DVI-D – DVI-D), 2 DisplayPort – DisplayPort-cables, short DisplayPort – DisplayPort cable, 2 USB cables, mount for power cable, utility disk (RadiCS LE, user's manual, installation manual)	AC power cord, Dual Link signal cable (DVI-D – DVI-D), 2 DisplayPort – DisplayPort cables, small DisplayPort – DisplayPort cable, signal cable (DisplayPort – DisplayPort), USB cables, utility disk (RadiCS LE, user's manual)	AC power cord, Dual Link signal cable (DVI-D – DVI-D), signal cable (DisplayPort – DisplayPort), USB cables, utility disk (RadiCS LE, user's manual, installation manual)	AC power cord, Dual Link signal cable (DVI-D – DVI-D), signal cable (DisplayPort – DisplayPort), USB cable, utility disk (RadiCS LE, user's manual)	AC power cord, Dual Link signal cable (DVI-D – DVI-D), signal cable (DisplayPort – DisplayPort), USB cable, utility disk (RadiCS LE, user's manual, installation manual)	AC power cord, 2 Dual Link signal cables (DVI-D – DVI-D), DisplayPort - DisplayPort cable), USB cable, utility disk (RadiCS LE, user's manual, installation manual)	AC power cord, 2 Dual Link signal cables (DVI-D – DVI-D), DisplayPort – DisplayPort cable), USB cable, utility disk (RadiCS LE, user's manual)
Recommended Graphic Card		MED-X90	MED-X90	MED-X70	MED-X90	MED-X70	MED-X70	MED-X50LP	MED-X50LP
Warranty		Five years	Five years	Five years	Five years	Five years	Five years	Five years	Five years
Dimensions (Unit: mm)	 70° Swivel  344°	 25° 130 747 430 449.5–593.5 256.5 281.5	 5° 30° 88 682.5 441 490.5–590.5 308 225	 25° 119 720 498 516–627 256.5 281.5	 5° 30° 78 367 90° 452 476–566 281 200	 5° 30° 45 354 90° 462 481–571 281 200	 30° 98 376 90° 505 520–599 211 245.5	 5° 30° 45 361 90° 462 283–573 281 200	 30° 98 376 90° 505 520–599 211 245.5

[1] *Please contact the EIZO Group company or distributor in your country for the latest information.*
[2] *Only monitors with FDA 510(k) clearance should be used when making a diagnosis.*
[3] *Models with general radiography clearance do not support the display of mammography images for diagnoses.*

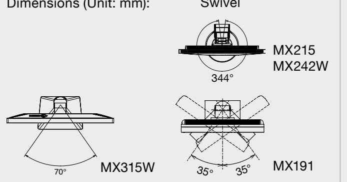
Specifications



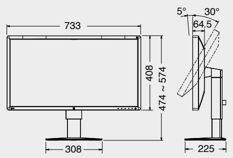


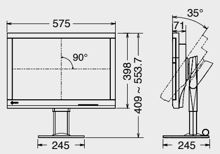
		8MP RadiForce MX315W	23MP RadiForce MX242W	2MP RadiForce MX215	1MP RadiForce MX191	2MP RadiForce MS235WT
Cabinet Color		Bi-Color, Black/White	Black	Black	Black	Black
Panel	Type	Color TFT LCD Panel (IPS)	Color TFT LCD Panel (IPS)	Color TFT LCD Panel (IPS)	Color TFT LCD Panel (IPS)	Color TFT LCD Panel (IPS)
	Backlight	LED	LED	LED	CCFL	LED
	Size	79 cm/31.1"	61 cm/24.1"	54 cm/21.3"	48 cm/19"	58 cm/23"
	Native Resolution	4096 × 2160 (17:9 aspect ratio)	1920 × 1200 (16:10 aspect ratio)	1200 × 1600 (3:4 aspect ratio)	1280 × 1024 (5:4 aspect ratio)	1920 × 1080 (16:9 aspect ratio)
	Viewable Image Size (H × V)	697.9 × 368.0 mm	518.4 × 324.0 mm	324.0 × 432.0 mm	376.3 × 301.0 mm	509.1 × 286.4 mm
	Pixel Pitch	0.1704 × 0.1704 mm	0.270 × 0.270 mm	0.270 × 0.270 mm	0.294 × 0.294 mm	0.2652 × 0.2652 mm
	Display Colors	10-bit colors (DisplayPort): 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors	10-bit colors (DisplayPort): 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors	10-bit colors (DisplayPort): 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors	8-bit colors: 16.77 million from a palette of 8.50 billion colors	8-bit colors: 16.77 million from a palette of 1.06 billion colors
	Viewing Angles (H/V, Typical)	178°/178°	178°/178°	178°/178°	178°/178°	178°/178°
	Brightness (Typical)	450 cd/m²	350 cd/m²	420 cd/m²	300 cd/m²	260 cd/m²
	Contrast Ratio (Typical)	1300:1	1000:1	1500:1	2000:1	1000:1
	Response Time (Typical)	20 ms (On/Off)	12 ms (On/Off)	20 ms (On/Off)	20 ms (On/Off)	16 ms (On/Off), 6 ms (Midtones)
Touch Panel	Type	–	–	–	–	Projected Capacitive Type
	Communication Protocol	–	–	–	–	USB
	Surface Hardness	–	–	–	–	5 H
	Compatible OS	–	–	–	–	Multi-touch: Windows 8 (64-bit, 32-bit), Windows 7 (64-bit, 32-bit) Single-touch: Windows XP (32-bit)
Video-signale	Input Terminal	1× DVI-D (Dual-Link), 2× DisplayPort	1× DVI-I, 1× DisplayPort	1× DVI-I, 1× DisplayPort	1× DVI-D, 1× 15-pin DSub-Mini	1× DVI-D, 1× DisplayPort, 1× 15-pin DSub-Mini
	Digital Scanning Frequency (H/V)	31–134 kHz, 14–61 Hz	31–76 kHz, 59–61 Hz	31–100 kHz, 59–61 Hz	31–64 kHz, 59–61 Hz	31–68 kHz, 59–61 Hz
	Analog Scanning Frequency (H/V)	–	26–76 kHz, 49–71 Hz	26–100 kHz, 49–76 Hz	24.8–80 kHz, 50–75 Hz	31–81 kHz, 55–76 Hz
	Sync Formats	–	Separate	Separate, Composite	Separate	Separate
USB	Function	2 upstream, 3 downstream	1 upstream, 2 downstream	1 upstream, 2 downstream	1 upstream	1 upstream, 2 downstream
	Standard	Rev. 2.0	Rev. 2.0	Rev. 2.0	Rev. 2.0	Rev. 2.0
Power	Power Requirements	AC 100–240 V: 50/60 Hz	AC 100–240 V: 50/60 Hz	AC 100–120 V, 200–240 V: 50/60 Hz	AC 100–120 V, 200–240 V: 50/60 Hz	AC 100–120 V, 200–240 V: 50/60 Hz
	Maximum Power Consumption	125 W	68 W	48 W	41 W	56 W
	Typical Power Consumption	67 W	31 W	19 W	26 W	21 W
	Power Save Mode	less than 1.6 W	less than 0.5 W	less than 0.5 W	less than 0.8 W	less than 0.5 W
	Power Management	Digital: DVI-DMPM, DisplayPort 1.2a	Digital: DVI-DMPM, DisplayPort 1.1a, Analog: VESA DPM	Digital: DVI-DMPM, DisplayPort 1.1a, Analog: VESA-DPM	Digital: DVI-DMPM Analog: VESA-DPM	Digital: DVI-DMPM, DisplayPort 1.1a, Analog: VESA-DPM
Sensor		Backlight sensor, integrated front sensor, presence sensor, ambient light sensor	Backlight sensor	Backlight sensor, integrated front sensor, presence sensor	Backlight sensor	–
OSD Languages		English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese
Physical Specifica-tions	Net Weight	11.7 kg	8.7 kg	8.0 kg	6.2 kg	6.6 kg
	Net Weight (Without Stand)	7.5 kg	6.0 kg	5.4 kg	4.4 kg	6.0 kg
	Hole Spacing (VESA Standard)	100 × 100 mm	100 × 100 mm	100 × 100 mm	100 × 100 mm	100 × 100 mm
Certifications and Standards [1]		CE (Medical Device Directive), EN60601-1, ANSI/AAMI, ES60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, CAN ICES-3 (B), RCM, RoHS, RoHS (China), WEEE, CCC, EAC	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, CAN ICES-3(B), RCM, RoHS, China RoHS, WEEE, CCC, EAC	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, CAN ICES-3(B), RCM, RoHS, China RoHS, WEEE, CCC, EAC	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, CAN ICES-3(B), RCM, RoHS, China RoHS, WEEE, CCC, EAC	CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, CAN ICES-3(B), RCM, RoHS, China RoHS, WEEE, CCC, EAC
FDA 510(k) Clearance [1, 2, 3]		Pending (for general radiography)	Yes (for general radiography)	Yes (for general radiography)	–	–
Supplied Accessories		AC power cord, signal cables (DVI-D – DVI-D, 2 DisplayPort – DisplayPort cables, short DisplayPort – DisplayPort cable), USB cable, utility disk (RadiCS LE, user's manual, installation manual)	AC power cord, signal cables (DVI-D – DVI-D, DisplayPort – DisplayPort), USB cable, utility disk (RadiCS LE, user's manual, installation manual)	AC power cord, signal cables (DVI-D – DVI-D, DisplayPort – DisplayPort), USB cable, utility disk (RadiCS LE, user's manual)	AC power cord, signal cables (DVI-D – DVI-D), USB cable, utility disk (RadiCS LE, user's manual)	AC power cord, signal cables (DVI-D – DVI-D, DisplayPort – DisplayPort), USB cable, audio cable, touch pen, holder for touch pen, utility disk (user's manual), cleaning cloth
Recommended Graphic Card		MED-X90	MED-X30LPB	MED-X30LPB	MED-X30LPB	MED-X30LPB
Warranty		Five years	Five years	Five years	Five years	Three years

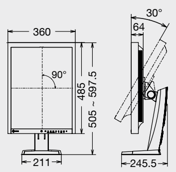
Dimensions (Unit: mm):

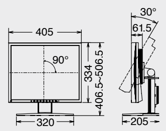


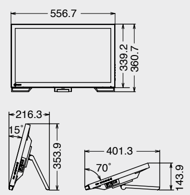
• *Swivel not supported with MS235WT.*











[1] Please contact the EIZO Group company or distributor in your country for the latest information.
[2] Only monitors with FDA 510(k) clearance should be used when making a diagnosis.
[3] Models with general radiography clearance do not support the display of mammography images for diagnoses.

Graphics Boards

To get the most out of the extraordinary capabilities of our high-definition RadiForce monitors, we recommend that you use them with one of EIZO's dedicated graphics boards. Each board is used to specifically support RadiForce medical monitor solutions and achieve the native resolution and high performance required for making precise diagnoses. The graphics boards are specially adapted to work with EIZO quality control solutions. Their serial numbers, for example, can be automatically read out using EIZO RadiCS. In addition, it is also possible to run a three-screen solution with a single graphics board. EIZO offers technical support and guaranteed service for all boards.

	MED-X90	MED-X70	MED-X50LP	MED-X30LPB
				
Bus Interface	PCI-Express ×16	PCI-Express ×16	PCI-Express ×16	PCI-Express ×16
Compatible OS	Windows 8.1, Windows 7 (four output max)	Windows 8.1, Windows 7 (four output max)	Windows 8.1, Windows 7 (four output max)	Windows 8.1, Windows 7 (two output max)
Frame Buffer Memory	8 GB	4 GB	2 GB	2 GB
Display Grayscale Tones/Colors	10 Bit, 8 Bit	10 Bit, 8 Bit	10 Bit, 8 Bit	10 Bit, 8 Bit
Output Terminal	4× DisplayPort	4× DisplayPort	4× Mini DisplayPort	2× DisplayPort
Cable/Adapter	1× cable (DisplayPort – DVI-D)	1× cable (DisplayPort – DVI-D)	Mini DisplayPort – 2× DisplayPort adapters Mini DisplayPort – 1× DVI-D adapter	–
Daisy Chain Support	◆	◆	◆	◆
Maximum Power Consumption	150 W	75 W	50 W	26 W
Chassis	Standard	Standard	Standard and Low-profile	Standard and Low-profile
Dimensions (W × H)	243 × 111 mm	173 × 111 mm	167.6 × 69 mm	167.6 × 69 mm
8MP RX850	★	✔	✔	✔
6MP RX660	★	✔	✔	✔
4MP RX440	✔	★	✔	✔
5MP GX550	★	✔	✔	✔
3MP GX340	✔	★	✔	✔
3MP RX350	✔	★	✔	✔
2MP GX240	✔	✔	★	✔
2MP RX250	✔	✔	★	✔
8MP MX315W	★	✔	✔	✔
23MP MX242W	✔	✔	✔	★
2MP MX215	✔	✔	✔	★
1MP MX191	✔	✔	✔	★
2MP MS235WT	✔	✔	✔	★

✔ Compatible ★ Recommended
Graphics board compatibility is subject to change without notice. Please check EIZO website for updates.

Suitability and recommended use of EIZO image reproduction devices for medical imaging procedures

For DIN 6868-157

RadiCS application class	Body region/methods	RX850	RX660	RX440	GX550	GX340	RX350	GX240	RX250	MX315W	MX242W	MX215	MX191
I.	Mammography	★			★								
II.	Stereotaxic mammograms	✔	✔	✔	✔	✔	★	✔	✔	✔			
III.	Projection radiography (thorax, skeleton, abdomen)	✔	★	✔	✔	✔	★	✔	✔	✔			
IV.	Fluoroscopy, all applications	✔	✔	✔	✔	✔	✔	★	★	✔	✔	✔	
V.	Computer tomography	✔	✔	✔	✔	✔	✔	✔	✔	★	✔	★	
VI.	For RC 5: Dental digital volume tomography, intraoral X-ray diagnostics with dental X-ray tube heads, panoramic radiograms, cranial radiotelegraphy, dental tomography of cranium, manual images to determine skeletal growth	✔	✔	✔	✔	✔	★	✔	★	✔	✔	✔	
VII.	For RC 6: Intraoral X-ray diagnostics with dental X-ray tube heads, panoramic radiograms, cranial radiotelegraphy, dental tomography of cranium, manual images to determine skeletal growth	✔	✔	✔	✔	✔	★	✔	★				
VIII.	Viewing	✔	✔	✔	✔	✔	✔	✔	✔	★	★	★	★
Other diagnostic imaging procedures													
	Ultrasound, nuclear medicine (e.g., PET), magnetic resonance imaging (MRI), endoscopy, other film- and photo-based procedures (e.g., ophthalmology), microscopy, EIT, infrared imaging	✔	✔	✔	✔	✔	✔	✔	✔	★	✔	★	
	Veterinary medicine	✔	✔	✔	✔	✔	✔	✔	✔	★	★	★	★

✔ *Compatible* ★ *Recommended*

RadiCS UX1

Monitor Quality Control Tool

Compatible Monitors	RadiForce monitors
Compatible Operating Systems	Windows 10 Windows 8.1 Windows 8 Windows 7/SP1 Windows Vista SP2 OS X Mountain Yosemite (10.10) OS X EL Capitan (10.11)
Display Functions	DICOM Part 14 GSDF, CIE, Exponential (gamma value), Log Linear, Linear, Native, User definition
Interface	USB, RS232C, DDC, DDC/CI
Languages	English, German, Japanese, Chinese, French
Package Contents	RadiCS DVD-ROM (RadiCS, user's manual), UX1 Sensor

RadiNET Pro

Network QC Management Software
[For Large Hospitals]

Manageable Number of PCs/Monitors	RadiNET Pro: 1000 PCs/8000 Maximum
Administrator PC Browser	Microsoft Windows Internet Explorer 11.0/10.0/9.0 Google Chrome 52.0, Microsoft Edge 25.1
Administrator PC Resolution	1280×1024 minimum
Server PC Operating Systems	Windows Server 2012 R2 Standard Windows Server 2008 R2 Standard Edition SP1 Windows Server 2008 Standard Edition SP2 Windows 7 SP1 64-bit
Server PC Database	SQL Server Standard/Express Edition 2014 SP1 SQL Server Standard/Express Edition 2012 SP1 SQL Server Standard/Workgroup/Express Edition 2008 R2 SP2 SQL Server Standard/Workgroup/Express Edition 2008 SP3
Server PC Hard Disk Drive	150 GB minimum
Server PC Memory	4 GB minimum
Languages	English, German, Japanese, Chinese, French

RadiCS Version UP KIT

Software for upgrading RadiCS

RadiLight

Comfort Light for Reading Rooms

Cabinet Color	Black
Power Requirements	via USB
Weight	370 g
Size	184×185.5×15.7 mm
Certifications	CE, IEC60950-1, CSA C22.2 No. 60950-1, VCCI-B, FCC-B, CAN ICES-3(B), RCM, RoHS, China RoHS, WEEE, EAC
Supplied Accessories	dedicated cable, user's manual, mounting bracket, spacers, screws

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EIZO Europe GmbH – Germany
Helmut-Grashoff-Str. 18 ◆ 41179 Mönchengladbach
Phone: +49 2161 8210-0 ◆ www.eizo.de

EIZO Austria GmbH – Austria, Hungary, Romania & Bulgaria
Pfarrgasse 87 ◆ 1230 Wien
Phone: +43 1 6152886-10 ◆ www.eizo.at & www.eizo.hu

EIZO Europe GmbH – Belgium & Luxembourg
Antwerpsesteenweg 22 ◆ 2860 Sint-Katelijne-Waver (Mechelen)
Phone: +32 15 645511 ◆ www.eizo.be

EIZO Europe GmbH – Czech Republic & Slowakia
Meteor Centre Office Park "B" ◆ Sokolovská 100/94 ◆ 186 00 Praha 8
Phone: +420 222 319 714 ◆ www.eizo.cz & www.eizomonitor.sk

EIZO Europe GmbH – Italien
Via Torino, 3/5 ◆ 20814 Varedo (MB)
Phone: +39 0362 1695250 ◆ www.eizo.it

EIZO Europe GmbH – The Netherlands
Dr. Holtroplaan 38 ◆ 5652 XR Eindhoven
Phone: +31 40 7600-360 ◆ www.eizo.nl

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