EIZO®

Medical Monitor Solutions

RadiForce®

Making Each Life Visual

Making Each Life Visual

Every life is unique. Every person's medical treatment should be tailored to meet their individual needs.

In the age of precision medicine, the possibilities offered by biotechnologies, artificial intelligence, and information technology open up completely new avenues for diagnosis, prevention, and treatment.

Precision requires comprehensive information. Collecting, linking, and analyzing data, as well as recording, storing, and evaluating image data therefore represents a critical resource for modern medical practices.

Faster treatment success, better quality of life: Technical innovation has an immediate impact on the medical processes in hospitals and operating rooms. Which is why we employ all of our experience and work together with highly qualified medical teams to produce reliable systems for processing image data in the age of precision medicine.

Our knowledge is in the service of better health.
Every life is worth it.

Making Each Life Visual.

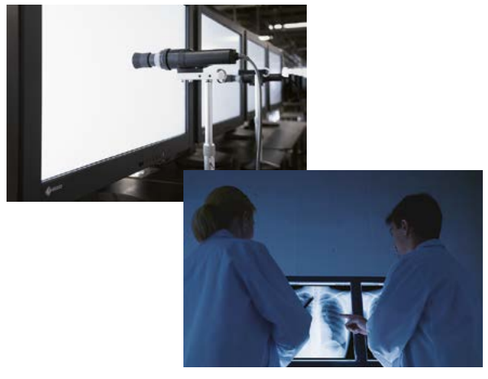
Medical Monitor Solutions

RadiForce®

RadiForce specially designed 1 to 12 megapixel monochrome and color monitors take full account of medical institutions' need for different types of monitors with DICOM® standard calibration and high-performance capabilities required for precise diagnoses.

Make a Precise Diagnosis

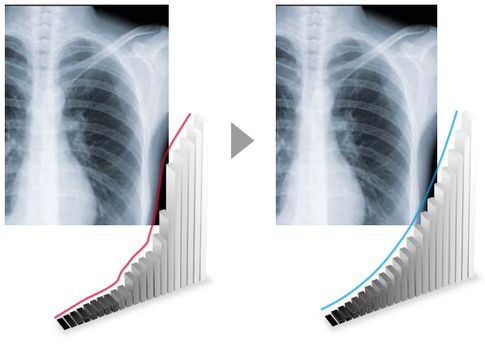
EIZO carefully measures and sets each and every grayscale tone to create a monitor compliant with DICOM. This ensures the most consistent shading possible, allowing you to make the most accurate diagnosis. MX models also feature a DICOM preset mode for optimal medical image viewing.



Maintain Precision

Perform a simplified calibration compliant with DICOM 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.

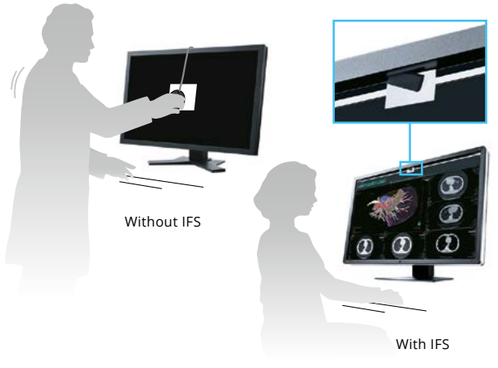
RadiCS LE is not bundled with MS236WT-A.



Manage Effortless Quality Control

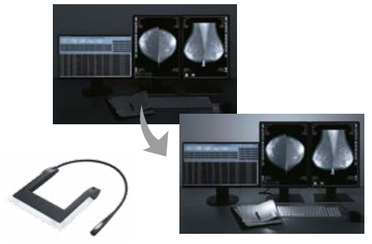
An Integrated Front Sensor (IFS) housed within the front bezel measures brightness and grayscale tones and calibrates to the DICOM standard. The hands-free IFS performs quality control tasks and does not interfere with the viewing area while in use. This dramatically cuts the workload and maintenance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

All models except MX243W, MX194, and MS236WT-A.



Relax Your Eyes

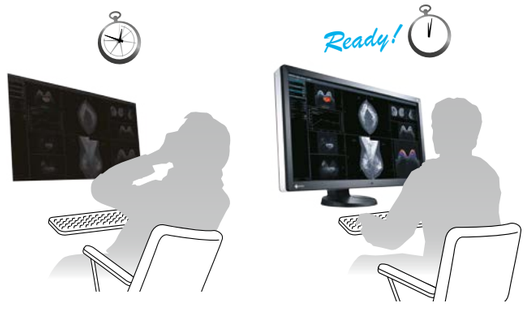
In order to prevent reflections on the monitor screen caused by ambient light, reading rooms where radiologists carefully examine medical images are often kept dark. However, viewing a bright monitor in a dark environment over a long period can cause eyestrain and make it more difficult to see documents 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 Image 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 MS236WT-A.



Uniformity Across the Screen

The Digital Uniformity Equalizer (DUE) function helps to even out fluctuations in brightness and chroma 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 MS236WT-A.

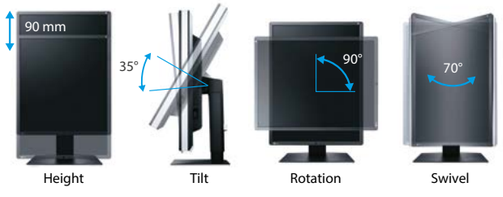
Without DUE

Image is for illustrative purposes only. Actual results will vary depending on model and environment.

With DUE

Improve Operability

EIZO's highly versatile stand offers tilt, swivel, and a wide height adjustment range, enabling you to use the monitor with greater comfort.



GX560, RX560, RX370, RX270, MX216

MS236WT-A comes with a stand that lets you tilt the monitor back for easy touch pen use.

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.

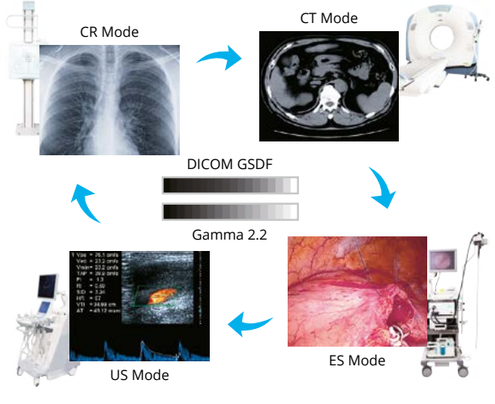
Narrow Viewing Angles

Wide Viewing Angles

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.

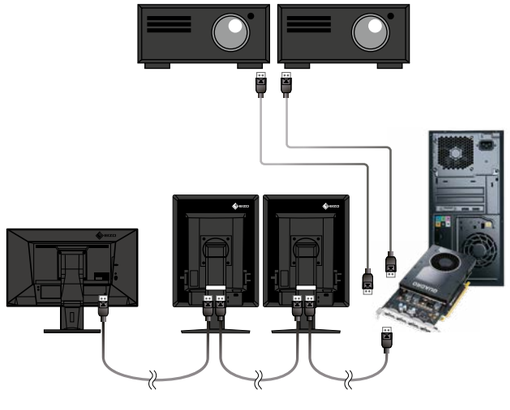
Number or type of the modes vary by model.



Hassle-free Multi-monitor Solution

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

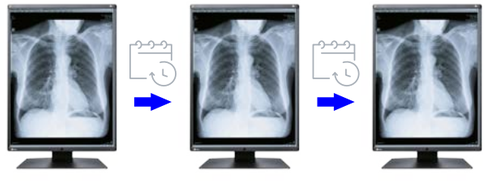
Applies to GX560, RX660, RX560, RX370, RX270, MX315W, MX216-HB, and MX216-SB.



Stay Confident with Stable Brightness

EIZO is convinced of the quality of its products. That is why the monitors' guarantee also extends to the stability of the brightness. This is 500 cd/m² for all current models in the RX series and 1000 cd/m² for those in the GX series.

Applies to all RX and GX models.



Rest Assured of Medical Qualifications

The monitors meet the strictest medical, safety, and EMC emission standards and comply to European Medical Device Regulation (EU) 2017/745.

RadiForce® G&R-Series

The extensive range of high-resolution G&R monitors offers the ideal solution for every application in the medical field. These monitors are the perfect choice for professional and long-term use in medical diagnostics, such as mammography, projectional radiography, and conventional radiology, thanks to their high brightness and long service life. Suitable monitors from 2–12 megapixels, in monochrome and colour, for every area of the human body and every imaging method.

6MP RX660
76 cm (30.0") Color LCD Monitor

MAMMO 12MP RX1270
78.4 cm (30.9") Color LCD Monitor

Multi-Modality Readiness

Multi-modality monitors are capable of displaying images to suit a number of modalities, such as CR, DR, MRI, CT, pathology and ultrasound. The RadiForce RX1270´s 12MP high resolution screens also display digital mammography images as well as sectional images of the latest CT generation thanks to its screen size and resolution in exceptional detail.

All-in-One Breast Imaging

The RadiForce RX1270 creates the perfect balance between comfort and functionality in reading rooms. With its 12 megapixel (4200 x 2800) resolution and compact 30.9-inch size, you can comfortably view several breast images side by side on a single screen. Furthermore, the monitor comes with a rear light which gently illuminates the wall behind, creating the ideal ambient lighting for improved reading accuracy.

Seamlessly View Images

RadiForce multi-modality monitors allow you to view images side by side without the obtrusive bezels typically found in a multi-monitor setup. This prevents the eye from being disrupted when moving between two screens for reader efficiency.

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 alleviates 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 monitors and bundled RadiCS LE software.

Hide-and-Seek
Quick 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.

Check the specifications on pages 20–23 for availability.

Auto-Brightness-Switch:
Glare-free Diagnostic Imaging

When performing diagnostics imaging, an adjacent screen with patient data and work lists can be disruptive. The Auto-Brightness-Switch function automatically dims the brightness of connected EV series FlexScan monitors when the cursor is moved away from the screen. This makes it easier to concentrate on the diagnostic images on the diagnostic monitor and also saves power.

See more with animations.

RadiForce® G&R-Series

MammoDuo integrates two 5 megapixel monitors side by side on a specifically designed stand.

GX560 MammoDuo RX560 MammoDuo

With the world's narrowest bezel of 7.5 mm on a 5 megapixel monitor, two monitors side by side have a combined bezel width of only 15 mm. Furthermore the bezel is only 2.5 mm thick to help your eyes swiftly move from one monitor to another.

MAMMO 5MP 5MP **GX560-MD**
54.1cm (21.3") Monochrome LCD Monitors with Dual Screen Configuration

Work-and-Flow

Point-and-Focus

Quick and Easy Focus

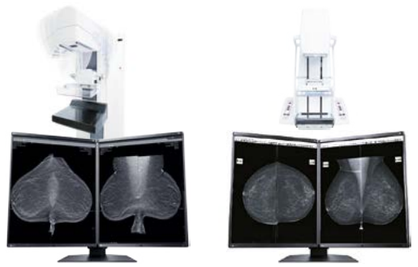
With the Point-and-Focus function, you can quickly select and focus areas of concern with just your mouse and keyboard. Change the brightness and grayscale tones of certain points on the screen to make interpretation easier.

Check the specifications on pages 20–23 for availability.

See more with animations.

Optimum Breast Screening

The 5 megapixel (2048 x 2560) GX560 adopts an LTPS (low temperature polysilicon) panel with a maximum brightness of 2500 cd/m² and a pixel pitch of 0.165 mm. It reproduces large volume mammography images accurately with minimal thinning and patchiness, and is suitable for distinguishing spiculated masses and the delicate shadows of calcifications. Furthermore, 12 millisecond response time allows smooth and efficient viewing of breast tomosynthesis.



Breast Tomosynthesis Mammography

MAMMO 5MP 5MP **RX560-MD**
54.1 cm (21.3") Color LCD Monitors with Dual Screen Configuration

Full Color Support

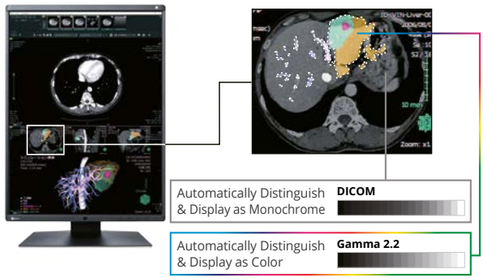
Equipped with an LTPS (low temperature polysilicon) panel, the RX560 achieves a maximum brightness of 1100 cd/m² and a contrast ratio of 1500:1 similar to that of monochrome monitors. This ensures that with a single screen, monochrome images such as breast tomosynthesis and mammography are displayed accurately alongside color images such as MRI, CT, ultrasound, pathology, and biopsies to accurately examine breast tissue.

Display Both Monochrome and Color

Hybrid Gamma PXL

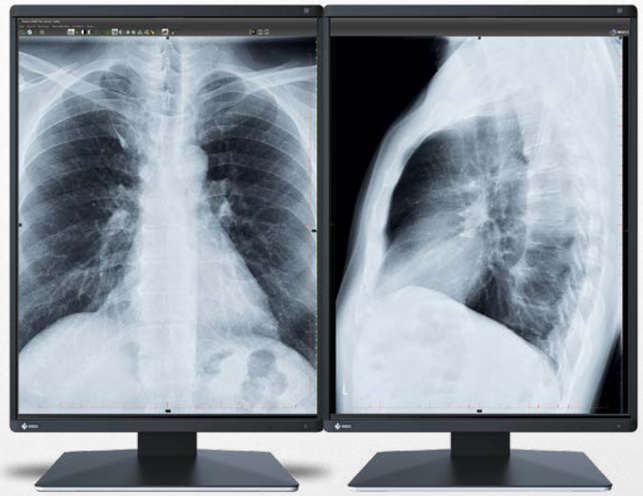
The Hybrid Gamma PXL function automatically creates a hybrid display where each pixel has optimum grayscale. As a result, monochrome images such as x-ray, MRI and CT are displayed in the ideal DICOM grayscale, while color images such as ultrasound and endoscopy are reproduced corresponding to Gamma 2.2. This improves the efficiency of viewing both monochrome and color images together on the one screen.

Check the specifications on pages 20–23 for availability.



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.



3MP3MP RX370
54.1 cm (21.3") Color LCD Monitors with Dual Screen Configuration

2MP RX270
54 cm (21.3") Color LCD Monitor

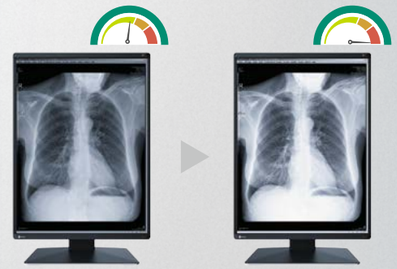
Work-and-Flow

Instant-Backlight-Booster

Boost Images for Easy Viewing

The Instant Backlight Booster function temporarily maxes the brightness of the monitor for quickly making detailed medical images easier to see.

Applies to RX270, RX370 and RX1270.



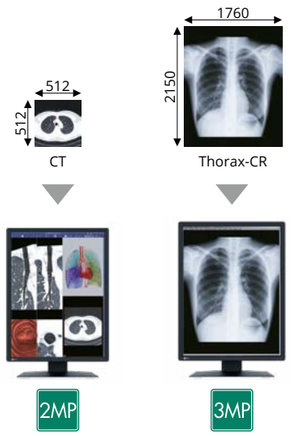
Instant Backlight Booster Off

Instant Backlight Booster On

See more with animations.

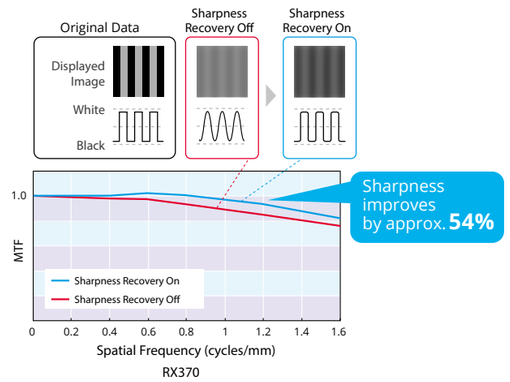
Images for Special Applications

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.



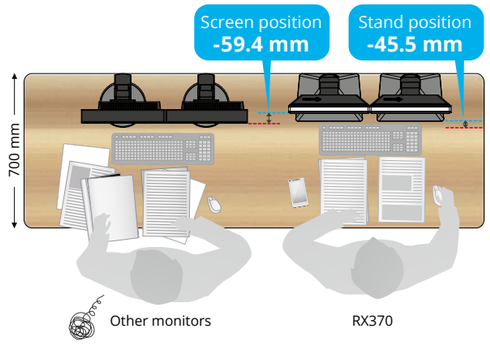
Achieve Clarity True to the Source Data

A medical monitor needs to be capable of high brightness in order to meet performance standards. However, in order to achieve high brightness in an LCD panel, the pixel aperture ratio has to be increased. This causes an unavoidable decline in sharpness. With EIZO's unique Sharpness Recovery technology the decrease in sharpness (MTF) is restored. This allows you to display an image safely on the monitor that is true to the original source data, even at high brightness levels.



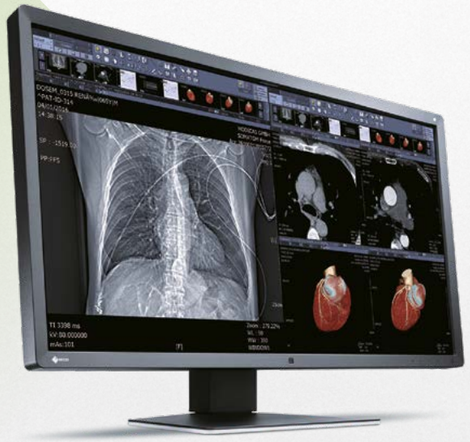
Free Up Space with Sleek Housing Design

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 RX370 and RX270 monitors creates a modern and uncluttered appearance. These monitors have also been made more compact in size. The slim housing design provides more space on the desk.



RadiForce® MX-Series

With their outstanding price-performance ratio, MX series monitors are perfectly suited for cross-sectional imaging (MRI and CT) and dental diagnostics. In doing so, they meet the wide variety of requirements to serve hospitals and doctor's offices.



2.3MP MX243W
61 cm (24.1") Color LCD Monitor

2MP MX216-HB
54 cm (21.3") Color LCD Monitor

2MP MX216-SB
54 cm (21.3") Color LCD Monitor

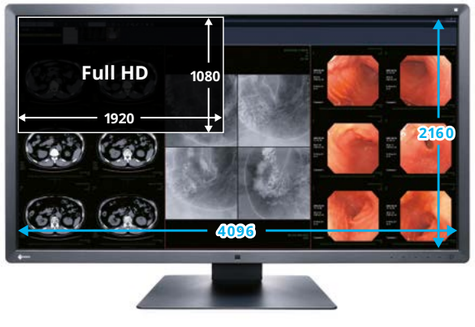
2MP MS236WT-A
58 cm (23.0") Multitouch Color LCD Monitor

1MP MX194
48.1 cm (19.0") Color LCD Monitor

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

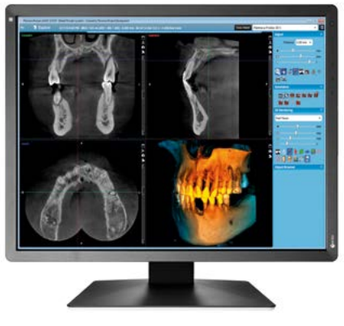
A Better View for Better Teleradiology

The 4K resolution of the MX315W offers outstanding image quality. Thanks to a 140-dpi (dots per inch) matrix teleradiologists 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.



Accurate display in dental diagnostics

State-of-the-art modalities for tube, panorama and DVT exposures deliver razor-sharp images. However, the image reproduction quality of X-rays in the dental radiological field largely depends on the selection of the right monitor. The MX216-HB model offers the ideal brightness levels for dental examination rooms, while the MX216-SB model is perfect for dental reading rooms.



Other diagnostic imaging procedures

For diagnostic procedures without the use of X-rays, such as those used in clinical applications, e.g. ophthalmology, pathology, the models of the MX series are particularly suitable. Although these procedures are often not subject to a binding image quality standard, image content must still be reproduced precisely. The resolution, brightness, colour and greyscale reproduction of MX series screens ensure accurate representation.

Smooth and Detailed Handwriting

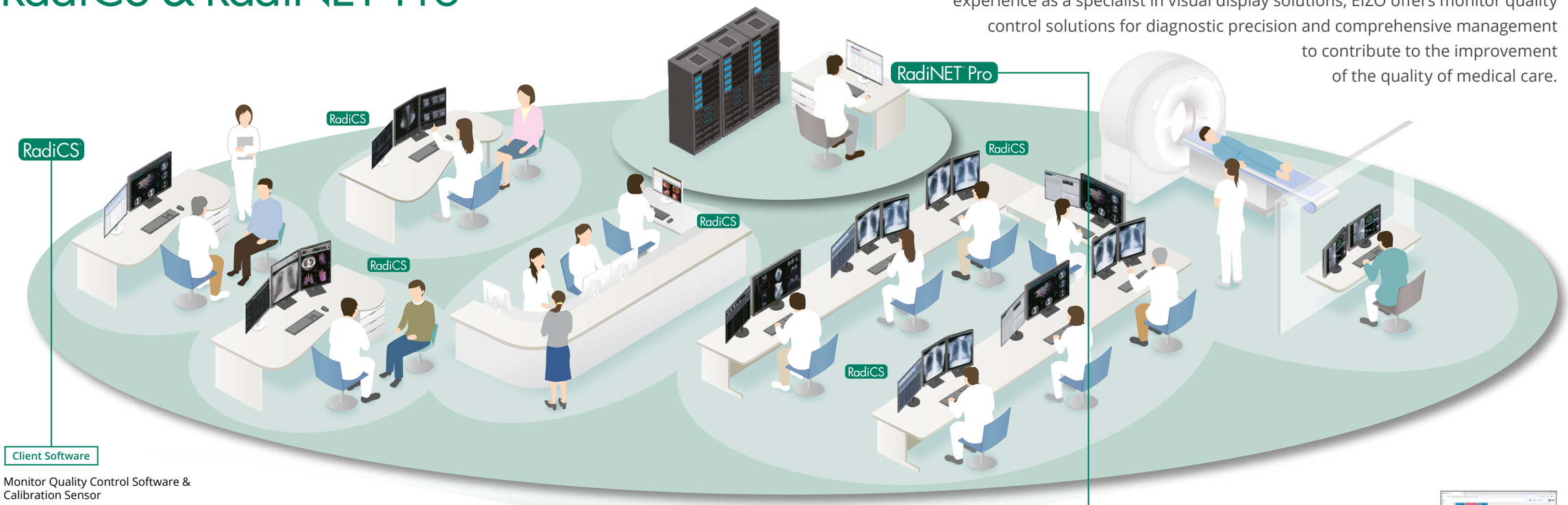
The MS236WT-A is commonly used as typical viewing monitor in conjunction with CR- and DR-consoles. It accepts touch input from a bare finger or commercially-available stylus pen, so small and detailed letters can easily be written into a medical record.

Palm rejection minimum activiation area 2 x 2 cm.

Monitor Quality Control Solutions

RadiCS® & RadiNET® Pro

With filmless imaging spreading in medicine, maintaining the quality of monitors for medical imaging is becoming increasingly important. With the know-how and experience as a specialist in visual display solutions, EIZO offers monitor quality control solutions for diagnostic precision and comprehensive management to contribute to the improvement of the quality of medical care.



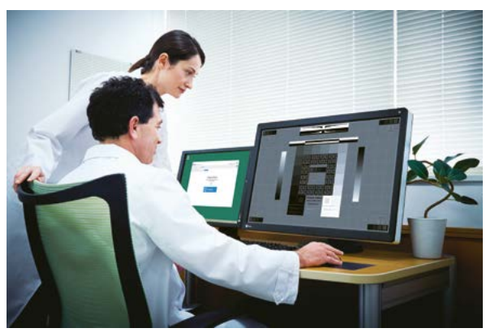
Client Software

Monitor Quality Control Software & Calibration Sensor

RadiCS®

Maintain Quality Control of Individual Monitors

Ensuring that the quality control of each client monitor complies with important medical standards, like AAPM, DIN 6868-157 and ONR 195240, from calibration to acceptance and 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.



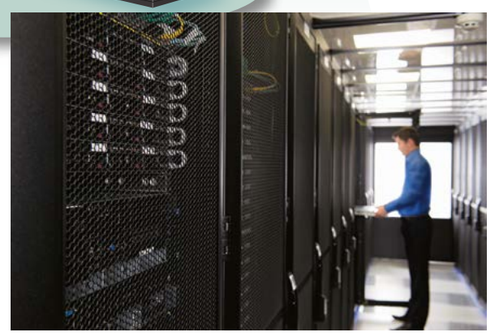
Hosting Service

Network QC Management Server Provider

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 setup and host the web server for you for efficient centralized control of all connected monitors.



Server Software

Network QC Management Software

RadiNET® Pro

Maintain Quality Control for a Large Number of Monitors

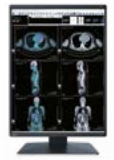
Maintaining quality control of a large number of monitors in hospitals calls for a lot of effort. EIZO offers centralized management of client monitors connected to the hospital network, providing increased efficiency of monitor QC operations.

SPECIFICATIONS





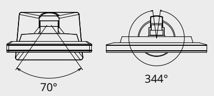


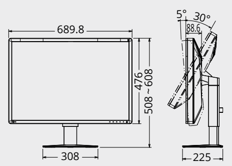


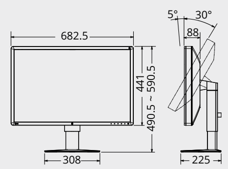

		12MP RadiForce RX1270	6MP RadiForce RX660	5MP 5MP RadiForce RX560-MD / 5MP RadiForce RX560	5MP 5MP RadiForce GX560-MD / 5MP RadiForce GX560	3MP RadiForce RX370	2MP RadiForce RX270
Cabinet Color		Bi-Color, Black/White	Bi-Color, Black/White	Bi-Color, Black/White	Bi-Color, Black/White	Bi-Color, Black/White	Bi-Color, Black/White
Panel	Type	Color (IPS)	Color (IPS)	Color (IPS)	Monochrome (IPS)	Color (IPS)	Color (IPS)
	Backlight	LED	LED	LED	LED	LED	LED
	Size	78.4 cm / 30.9"	76 cm / 30.0"	54.1 cm / 21.3"	54.1 cm / 21.3"	54.1 cm / 21.3"	54 cm / 21.3"
	Native Resolution	4200 x 2800 (3:2 aspect ratio)	3280 x 2048 (16:10 aspect ratio)	2048 x 2560 (4:5 aspect ratio)	2048 x 2560 (4:5 aspect ratio)	1536 x 2048 (3:4 aspect ratio)	1200 x 1600 (3:4 aspect ratio)
	Viewable Image Size (H x V)	652.7 x 435.1 mm	645.5 x 403.0 mm	337.9 x 422.4 mm	337.9 x 422.4 mm	324.9 x 433.2 mm	324.0 x 432.0 mm
	Pixel Pitch	0.1554 x 0.1554 mm	0.1968 x 0.1968 mm	0.165 x 0.165 mm	0.165 x 0.165 mm	0.2115 x 0.2115 mm	0.270 x 0.270 mm
	Display Colors / Grayscale Tones	10-bit (DisplayPort): 1.07 billion from a palette of 543 billion (13-bit) colors 8-bit: 16.77 million from a palette of 543 billion (13-bit) colors	10-bit (DisplayPort): 1.07 billion from a palette of 543 billion (13-bit) colors 8-bit: 16.77 million from a palette of 543 billion (13-bit) colors	10-bit (DisplayPort): 1.07 billion from a palette of 543 billion (13-bit) colors 8-bit: 16.77 million from a palette of 543 billion (13-bit) colors	10-bit (DisplayPort): 1,024 from a palette of 16,369 (14-bit) tones 8-bit: 256 from a palette of 16,369 (14-bit) tones	10-bit (DisplayPort): 1.07 billion from a palette of 543 billion (13-bit) colors 8-bit: 16.77 million from a palette of 543 billion (13-bit) colors	10-bit (DisplayPort): 1.07 billion from a palette of 543 billion (13-bit) colors 8-bit: 16.77 million from a palette of 543 billion (13-bit) colors
	Viewing Angles (H / V, typical)	178° / 178°	176° / 176°	178° / 178°	178° / 178°	178° / 178°	178° / 178°
	Max. Brightness (typical)	1200 cd/m²	1000 cd/m²	1100 cd/m²	2500 cd/m²	1100 cd/m²	1000 cd/m²
	Recommended Brightness for Calibration	500 cd/m²	500 cd/m²	500 cd/m²	1000 cd/m²	500 cd/m²	500 cd/m²
	Max. Contrast Ratio (typical)	1500:1	1500:1	1500:1	1700:1	1800:1	1800:1
	Response Time (typical)	12 ms (black-white-black)	25 ms (black-white-black)	12 ms (black-white-black)	12 ms (black-white-black)	25 ms (black-white-black)	20 ms (black-white-black)
Video Signals	Input Terminals	DisplayPort x 2, HDMI	DisplayPort x 2, DVI-D (dual link)	DisplayPort, DVI-D (dual link)	DisplayPort x 2, DVI-D (dual link)	DisplayPort x 2, DVI-D (dual link)	DisplayPort x 2, DVI-D
	Output Terminals	—	DisplayPort (daisy chain)	DisplayPort (daisy chain)	DisplayPort (daisy chain)	DisplayPort (daisy chain)	DisplayPort (daisy chain)
	Digital Scanning Frequency (H / V)	31 - 175 kHz / 29 - 61 Hz	31 - 127 kHz / 22 - 61 Hz	31 - 135 kHz / 23 - 61 Hz	31 - 135 kHz / 23 - 61 Hz	31 - 127 kHz / 29 - 61.5 Hz	31 - 100 kHz / 59 - 61 Hz
USB	Upstream	USB 2.0: Type-B x 2	USB 2.0: Type-B x 2	USB 2.0: Type-B	USB 2.0: Type-B x 2	USB 2.0: Type-B x 2	USB 2.0: Type-B x 2
	Downstream	USB 2.0: Type-A x 3	USB 2.0: Type-A x 3	USB 2.0: Type-A x 2	USB 2.0: Type-A x 2	USB 2.0: Type-A x 2	USB 2.0: Type-A x 2
	Dedicated Charging Port	—	—	—	—	USB Type-C® (Power Supply 15 W max.)	USB Type-C® (Power Supply 15 W max.)
Power	Power Requirements	AC 100 - 240 V: 50 / 60 Hz	AC 100 - 240 V: 50 / 60 Hz	AC 100 - 240 V: 50 / 60 Hz	AC 100 - 240 V: 50 / 60 Hz	AC 100 - 240 V: 50 / 60 Hz	AC 100 - 240 V: 50 / 60 Hz
	Typical Power Consumption	77 W	93 W	43 W	28 W	36 W	33 W
	Maximum Power Consumption	188 W	190 W	87 W	79 W	105 W	98 W
	Power Save Mode	2 W or less	1.6 W or less	1 W or less	1 W or less	1 W or less	1 W or less
Sensor		Backlight Sensor, Integrated Front 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, Ambient Light Sensor	Backlight Sensor, Integrated Front Sensor, Ambient Light Sensor
Features & Functions	Brightness Stabilization	Yes	Yes	Yes	Yes	Yes	Yes
	Digital Uniformity Equalizer	Yes	Yes	Yes	Yes	Yes	Yes
	Hybrid Gamma PXL	Yes	Yes	Yes	—	Yes	Yes
	Work-and-Flow	Hide-and-Seek, Switch-and-Go, Point-and-Focus, Instant Backlight Booster	Hide-and-Seek, Switch-and-Go, Point-and-Focus	Point-and-Focus	Switch-and-Go, Point-and-Focus	Hide-and-Seek, Switch-and-Go, Point-and-Focus, Instant Backlight Booster	Switch-and-Go, Point-and-Focus, Instant Backlight Booster
	Preset Modes	DICOM, CAL1, CAL2, Custom, sRGB, Text	DICOM, CAL1, CAL2, Custom, sRGB, Text	DICOM, CAL1, CAL2, Custom, sRGB, Text	DICOM, CAL1, CAL2, Text	DICOM, CAL1, CAL2, Custom, sRGB, Text	DICOM, CAL1, CAL2, Custom, sRGB, Text
	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, Tradi-tional Chinese	English, German, French, Italian, Jap-anese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	English, German, French, Italian, Jap-anese, Simplified Chinese, Spanish, Swedish, Traditional Chinese
Physical Specifications	Net Weight	15.6 kg	14.2 kg	RX560-MD: 17.3 kg RX560: 8.1 kg	GX560-MD: 17.1 kg GX560: 8 kg	8 kg	7.7 kg
	Net Weight (Without Stand)	11.5 kg	10.1 kg	5.3 kg	5.2 kg	5.2 kg	4.9 kg
	Hole Spacing (VESA Standard)	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm
Certifications & Standards [1]		CE/UKCA (Medical Device), 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/UKCA (Medical Device), 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/UKCA (Medical Device), 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/UKCA (Medical Device), 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/UKCA (Medical Device), 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/UKCA (Medical Device), 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
FDA [1, 2, 3]		510(k) Clearance for Breast Tomosyn-thesis, Mammography, and General Radiography	510(k) Clearance for General Radi-ography	510(k) Clearance for Breast Tomosynthesis, Mammography, and General Ra-diography	510(k) Clearance for Breast Tomosynthesis, Mammography, and General Radiography	510(k) Clearance for General Radiography	510(k) Pending for General Radiography
Dedicated Software	Monitor Quality Control Software RadiCS	Supported	Supported	Supported	Supported	Supported	Supported
Supplied Accessories	Signal Cables	DisplayPort (3 m) x 2, HDMI (2 m)	Dual Link DVI-D (3 m), DisplayPort (3 m) x 2, DisplayPort (0.28 m)	RX560-MD: Dual Link DVI-D (3 m) x 2, DisplayPort (3 m) x 2, DisplayPort (1 m) RX560: Dual Link DVI-D (3 m), DisplayPort (3 m)	GX560-MD: DisplayPort (3 m) x 4, DisplayPort (1 m) GX560: DisplayPort (3 m) x 2	DisplayPort (3 m) x 2	DisplayPort (3 m) x 2
	Others	AC power cord (3 m), USB-A - USB-B cable (3 m) x 2, cable cover, Utility Disk (RadiCS LE, PDF installation manual), instructions for use	AC power cord (3 m), USB-A - USB-B cable (3 m) x 2, cable cover, Utility Disk (RadiCS LE, PDF installation manual), instructions for use	RX560-MD: AC power cord (3 m) x 2, USB-A - USB-B cable (3 m) x 2, Utility Disk (RadiCS LE, PDF installation manual), instructions for use RX560: AC power cord (3 m), USB-A - USB-B cable (3 m), Utility Disk (RadiCS LE, PDF installation manual), instructions for use	GX560-MD: AC power cord (3 m) x 2, USB-A - USB-B cable (3 m) x 4, Utility Disk (RadiCS LE, PDF installation manual), instructions for use GX560: AC power cord (3 m), USB-A - USB-B cable (3 m) x 2, Utility Disk (RadiCS LE, PDF installation manual), instructions for use	AC power cord (3 m), USB-A - USB-B cable (3 m) x 2, Utility Disk (RadiCS LE, PDF instructions for use, PDF installation manual), instructions for use	AC power cord (3 m), USB-A - USB-B cable (3 m) x 2, Utility Disk (RadiCS LE, PDF instructions for use, PDF installation manual), instructions for use
Recommended Graphic Card		MED-XN92	MED-XN72	MED-XN92	MED-XN92	MED-XN72	MED-XN51LP
Warranty		Five Years	Five Years	Five Years	Five Years	Five Years	Five Years

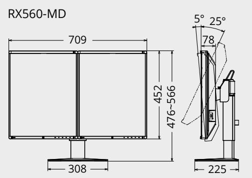
Dimensions (Unit: mm)

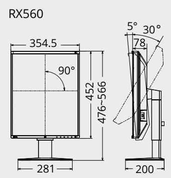
Swivel

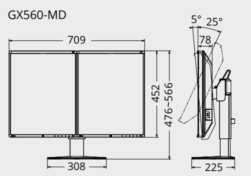


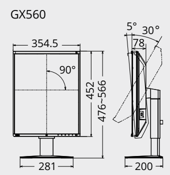


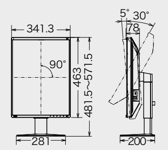


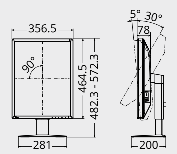






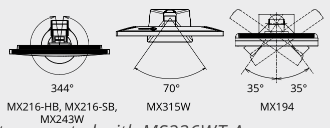
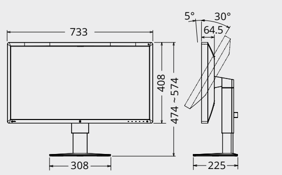
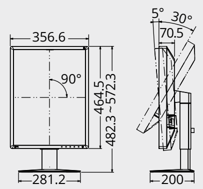
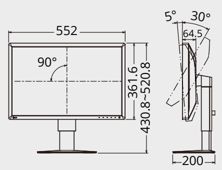
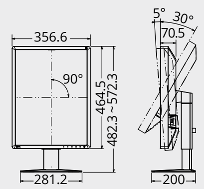
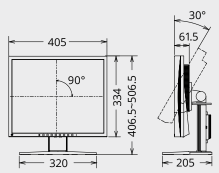
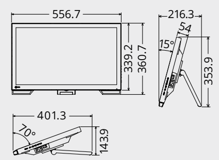






1 *Please contact the EIZO group company or distributor in your country for the latest information.*
2 *Use FDA 510(k) Clearance monitor for diagnosis.*
3 *General radiography clearance models do not support display of mammography images for diagnosis.*

SPECIFICATIONS

		 8MP RadiForce MX315W	 2MP RadiForce MX216-HB	 2.3MP RadiForce MX243W	 2MP RadiForce MX216-SB	 1MP RadiForce MX194	 2MP RadiForce MS236WT-A
Cabinet Color		Black	Black	Black	Black	Black	Gray, Black
Panel	Type	Color (IPS)	Color TFT LCD Panel (IPS)	Color (IPS)	Color TFT LCD Panel (IPS)	Color (VA)	Color (IPS)
	Backlight	LED	LED	LED	LED	LED	LED
	Size	79 cm / 31.1"	54 cm/21.3"	61 cm / 24.1"	54 cm/21.3"	48.1 cm / 19.0"	58 cm / 23.0"
	Native Resolution	4096 x 2160 (17:9 aspect ratio)	1200 × 1600 (3:4 aspect ratio)	1920 x 1200 (16:10 aspect ratio)	1200 × 1600 (3:4 aspect ratio)	1280 x 1024 (5:4 aspect ratio)	1920 x 1080 (16:9 aspect ratio)
	Viewable Image Size (H x V)	697.9 x 368.0 mm	324.0 × 432.0 mm	518.4 x 324.0 mm	324.0 × 432.0 mm	376.3 x 301.0 mm	509.2 x 286.4 mm
	Pixel Pitch	0.1704 x 0.1704 mm	0.270 × 0.270 mm	0.270 x 0.270 mm	0.270 × 0.270 mm	0.294 x 0.294 mm	0.265 x 0.265 mm
	Display Colors / Grayscale Tones	10-bit (DisplayPort): 1.07 billion from a palette of 543 billion (13-bit) colors 8-bit: 16.77 million from a palette of 543 billion (13-bit) colors	10-bit (DisplayPort): 1.07 billion from a palette of 543 billion (13-bit) colors 8-bit: 16.77 million from a palette of 543 billion (13-bit) colors	10-bit (DisplayPort): 1.07 billion from a palette of 543 billion (13-bit) colors 8-bit: 16.77 million from a palette of 543 billion (13-bit) colors	10-bit (DisplayPort): 1.07 billion from a palette of 543 billion (13-bit) colors 8-bit: 16.77 million from a palette of 543 billion (13-bit) colors	10-bit (DisplayPort): 1.07 billion from a palette of 543 billion (13-bit) colors 8-bit: 16.77 million from a palette of 543 billion (13-bit) colors	8-bit: 16.77 million from a palette of 1.06 billion (10-bit) colors
	Viewing Angles (H / V, typical)	178° / 178°	178°/178°	178° / 178°	178°/178°	178° / 178°	178° / 178°
	Max. Brightness (typical)	450 cd/m²	500 cd/m²	410 cd/m²	500 cd/m²	350 cd/m²	260 cd/m²
	Calibrated Brightness	270 cd/m²	340 cd/m²	220 cd/m²	240 cd/m²	180 cd/m²	—
	Max. Contrast Ratio (typical)	1300:1	1500:1	1350:1	1500:1	2000:1	1000:1
	Response Time (typical)	20 ms (black-white-black)	20 ms (black-white-black)	22 ms (black-white-black)	20 ms (black-white-black)	20 ms (black-white-black)	11 ms (gray-to-gray)
Touch Panel	Type	—	—	—	—	—	Projected Capacitive
	Touch Points	—	—	—	—	—	10
	Communication Protocol	—	—	—	—	—	USB
	Touch Life	—	—	—	—	—	50 million touches (minimum)
	Surface Hardness	—	—	—	—	—	5 H
	Compatible OS	—	—	—	—	—	Windows 10 / 8.1 (64-bit, 32-bit)
Video Signals	Input Terminals	DisplayPort x 2, DVI-D (dual link)	DisplayPort, DVI-D	DisplayPort, DVI-D	DisplayPort, DVI-D	DisplayPort, DVI-D, D-Sub mini 15 pin	DisplayPort (HDCP 1.3), HDMI (HDCP 1.4), D-Sub mini 15 pin
	Output Terminals	DisplayPort (daisy chain)	DisplayPort (daisy chain)	DisplayPort (daisy chain)	DisplayPort (daisy chain)	—	—
	Digital Scanning Frequency (H / V)	31 - 134 kHz / 14 - 61 Hz	31–100 kHz, 59–61 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)	—	—	—	—	24.8 - 80 kHz / 50 - 75 Hz	31 - 81 kHz / 55 - 76 Hz
	Sync Formats	—	—	—	—	Separate	Separate
USB	Upstream	USB 2.0: Type-B x 2	USB 2.0: Type-B	USB 2.0: Type-B	USB 2.0: Type-B	USB 2.0: Type-B	USB 2.0: Type-B
	Downstream	USB 2.0: Type-A x 3	USB 2.0: Type-A x 2	USB 2.0: Type-A x 2	USB 2.0: Type-A x 2	—	USB 2.0: Type-A x 2
Power	Power Requirements	AC 100 - 240 V: 50 / 60 Hz	AC 100 - 240 V: 50 / 60 Hz	AC 100 - 240 V: 50 / 60 Hz	AC 100 - 240 V: 50 / 60 Hz	AC 100 - 240 V: 50 / 60 Hz	AC 100 - 240 V: 50 / 60 Hz
	Typical Power Consumption	67 W	26 W	26 W	26 W	15 W	15 W
	Maximum Power Consumption	125 W	55 W	56 W	55 W	28 W	47 W
	Power Save Mode	1.6 W or less	0.6 or less	0.6 W or less	0.6 or less	0.6 W or less	0.5 W or less
Sensor		Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor	Backlight Sensor, Integrated Front Sensor, Ambient Light Sensor	Backlight Sensor	Backlight Sensor, Integrated Front Sensor, Ambient Light Sensor	Backlight Sensor	—
Features & Functions	Brightness Stabilization	Yes	Yes	Yes	Yes	Yes	—
	Digital Uniformity Equalizer	Yes	Yes	Yes	Yes	Yes	—
	Hybrid Gamma PXL	—	Yes	Yes	Yes	—	—
	Work-and-Flow	Hide-and-Seek, Switch-and-Go, Point-and-Focus	Point-and-Focus	Point-and-Focus	Point-and-Focus	—	—
	Preset Modes	DICOM, CAL1, CAL2, Custom, sRGB, Text	DICOM, CAL1, CAL2, Custom, sRGB, Text	DICOM, CAL1, CAL2, Custom, sRGB, Text	DICOM, CAL1, CAL2, Custom, sRGB, Text	DICOM, CAL1, CAL2, Custom, sRGB, Text	User1, User2, sRGB, DICOM
	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
Physical Specifications	Net Weight	11.7 kg	7.6 kg	7.8 kg	7.6 kg	6 kg	6.6 kg
	Net Weight (Without Stand)	7.5 kg	4.7 kg	4.9 kg	4.7 kg	4.2 kg	6 kg
	Hole Spacing (VESA Standard)	100 x 100 mm	100 × 100 mm	100 x 100 mm	100 × 100 mm	100 x 100 mm	100 x 100 mm
Certifications & Standards [1]		CE/UKCA (Medical Device), 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/UKCA (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 Nr. 601-1, IEC60601-1, VCCI-B, FCC-B, CAN ICES-3(B), RCM, RoHS, China RoHS, WEEE, CCC, EAC	CE/UKCA (Medical Device), 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/UKCA (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 Nr. 601-1, IEC60601-1, VCCI-B, FCC-B, CAN ICES-3(B), RCM, RoHS, China RoHS, WEEE, CCC, EAC	CE/UKCA (Medical Device), 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/UKCA (Medical Device), 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
FDA 510(k) Clearance [1, 2, 3]		Yes (for general radiography)	Yes (for general radiography)	Yes (for general radiography)	Yes (for general radiography)	Yes (for general radiography)	Class I
Dedicated Software	Monitor Quality Control Software RadiCS	Supported	Supported	Supported	Supported	Supported	—
Supplied Accessories	Signal Cables	Dual Link DVI-D (3 m), DisplayPort (3 m) x 2, DisplayPort (0.28 m)	DisplayPort (3 m)	DisplayPort (3 m)	DisplayPort (3 m)	DisplayPort (3 m)	DisplayPort (3 m), HDMI (3 m)
	Others	AC power cord (3 m), USB-A - USB-B cable (3 m), Utility Disk (RadiCS LE, PDF installation manual), instructions for use	AC power cord (3 m), USB-A - USB-B cable (3 m), Utility Disk (RadiCS LE, PDF instructions for use, PDF installation manual), instructions for use	AC power cord (3 m), USB-A - USB-B cable (3 m), Utility Disk (RadiCS LE, PDF instructions for use, PDF installation manual), instructions for use	AC power cord (3 m), USB-A - USB-B cable (3 m), Utility Disk (RadiCS LE, PDF instructions for use, PDF installation manual), instructions for use	AC power cord (3 m), USB-A - USB-B cable (3 m), Utility Disk (RadiCS LE, PDF installation manual), instructions for use	AC power cord (3 m), USB-A - USB-B cable (3 m), touch pen, holder for touch pen, Utility Disk (user's manual, touch panel driver, TPOffset), cleaning cloth, mask sheet x 2 (MS236WT-AL), Screw for VESA mount x 4 (MS236WT-AF), Cable clamper
Recommended Graphic Card		MED-XN72	MED-XN51LP	MED-XN51LP	MED-XN51LP	MED-XN51LP	–
Warranty		Five Years	Five Years	Five Years	Five Years	Five Years	Three Years
Dimensions (Unit: mm) Swivel  *Swivel not supported with MS236WT-A.*							

1 *Please contact the EIZO group company or distributor in your country for the latest information.*
2 *Use FDA 510(k) Clearance monitor for diagnosis.*
3 *General radiography clearance models do not support display of mammography images for diagnosis.*

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-XN92

MED-XN72

MED-XN51LP

Bus Interface	PCI Express 3.0 x16	PCI Express 3.0 x16	PCI Express 3.0 x16
Compatible OS	Windows 11, Windows 10	Windows 11, Windows 10	Windows 11, Windows 10, Windows 8.1, Windows 7 (four output max)
Frame Buffer Memory	8 GB GDDR6	5 GB GDDR5X	4 GB GDDR5
Display Colors / Grayscale Tones	10-bit, 8-bit	10-bit, 8-bit	10-bit, 8-bit
Output Terminals	DisplayPort x 3 (Daisy chain supported), USB Type-C x 1	DisplayPort x 4 (Daisy chain supported)	Mini DisplayPort x 4 (Daisy chain supported)
Maximum Connected Monitors	4	4	4
Cable	1× cable (DisplayPort – DVI-D)	1× cable (DisplayPort – DVI-D)	2× cable (Mini DisplayPort – DisplayPort) 1× cable (Mini DisplayPort – DVI-D)
Daisy Chain Support	Yes	Yes	Yes
Maximum Power Consumption	125 W (not using USB Type-C power delivery) 160 W (using USB Type-C power delivery)	75 W	47 W
Chassis	Standard	Standard	Standard & Low-Profile
Dimensions (W x H)	241.3 x 104.9 mm	200.1 x 111.1 mm	150.0 x 68.9 mm
12MP RX1270	★	✓	✓
6MP RX660	✓	★	✓
5MP/3MP RX560-MD	★	✓	✓
3MP RX370	✓	★	✓
2MP RX270	✓	✓	★
5MP/3MP GX560-MD	★	✓	✓
8MP MX315W	✓	★	✓
2MP MX216-HB	✓	✓	★
2.3MP MX243W	✓	✓	★
2MP MX216-SB	✓	✓	★
1MP MX194	✓	✓	★
2MP MS236WT-A	✓	✓	✓

✓ *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	RX1270	RX660	RX560-MD RX560	RX370	RX270	GX560-MD GX560	MX315W	MX216-HB	MX243W	MX216-SB	MX194
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

	Other examination methods	RX1270	RX660	RX560-MD RX560	RX370	RX270	GX560-MD GX560	MX315W	MX216-HB	MX243W	MX216-SB	MX194
	Pathology	★	★	✓	✓	✓	✓	★	✓	✓	✓	✓
	Magnetic resonance imaging	✓	✓	✓	✓	✓	✓	★	✓	✓	★	✓
	Nuclear medicine	✓	✓	✓	✓	✓	✓	★	✓	✓	★	✓
	Ultrasound	✓	✓	✓	✓	✓	✓	✓	✓	✓	★	★
	"Other film/photo-based procedures (e.g. in ophthalmology)"	✓	✓	✓	✓	✓	✓	★	✓	★	★	✓
	Veterinary medicine	✓	✓	✓	✓	✓	✓	★	✓	★	★	★

✓ *Compatible*
★ *Recommended*

MONITOR QUALITY CONTROL SOLUTIONS

RadiCS®

Monitor Quality Control Tool

Compatible Operating Systems	Windows 11 Windows 10 Windows 8.1 Windows 7 SP1 macOS Monterey (12) macOS Big Sur (11)
User Modes	user (no password) and administrator (password protected)
Functions in User Mode	daily check, documentation, optional consistency check and Work-and-Flow functions
Functions in Administrator Mode	all user functions, master data maintenance, monitor configuration, edit test specifications, etc.
Work-and-Flow Functions	Point-and-Focus, Switch-and-Go, Hide-and-Seek
Supported Luminance Meters	LX-Can, LX-Plus, CDmon, CA-210/CA310, MAVO-Spot 2 USB, RaySafe X2 Light, integrated sensors
Test Methods	manual input, external measuring devices with data link, internal monitoring sensors
Ambient Light Test	manual, continuous and automatic during validation checks
Supported Quality Control Standards	DIN 6868-157 QS-RL Assurance/Quality Control Directive DIN V 6868-57 ONR 195240-20: 2017 IEC 62563-2 PAS 1054 IPEM Report 91 EUREF „European Guidelines for Quality Assurance in Breast Cancer Screening and Diagnosis Fourth Edition" AAPM On-Line Report No.03 ACR-AAPM-SIIM „Practice Guideline for Determinants of Image Quality in Digital Mammography" New York State Department of Health Bureau of Environmental Radiation Protection Guide for Radiation Safety/Quality Assurance Program Primary Diagnostic Monitors NYC Quality Assurance Guidelines for Primary Diagnostic Monitors JESRA X-0093*B-2017 Quality Control Manual for Digital Mammography (Japan)
Luminance Characteristic Curves	DICOM GSDF, CIE, Exponential (gamma value), Log Linear, Linear, User definition
Supported Interfaces	USB, RS232C (Windows only)
Languages	German, English, French, Chinese, Japanese
Package Contents	RadiCS DVD-ROM (RadiCS, User's Manual), UX2 Sensor, Adsorptive sheet for the replacement, cleaning cloth, UX2 Sensor Instructions for Use

RadiCS Version Up Kit

Software for upgrading RadiCS.

RadiNET® Pro

Network QC Management Software (For Large Hospitals)

Max. Number of Managed Monitors	1000 PCs / 8000 Monitors Maximum
Supported Languages	German, English, French, Chinese, Japanese

Requirements (administrator PC)

Supported Web Browsers	Microsoft Windows Internet Explorer 11.0 Google Chrome 91 Microsoft Edge 91
Min. Resolution	1024 x 768 Minimum

Server requirements

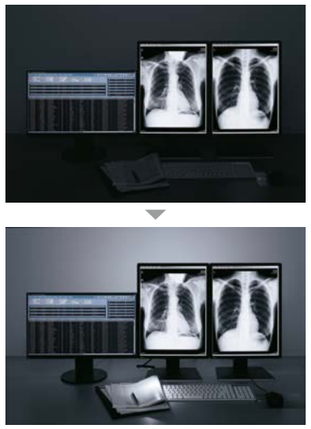
Operating Systems	Windows Server 2019 Standard Windows Server 2016 Standard Windows Server 2012 R2 Standard Windows 11 Pro / Enterprise Windows 10 Pro / Enterprise (64-bit)
Databases	SQL Server 2019 Standard / Express Edition SQL Server 2016 Standard / Express Edition SP2
Hard Drive Capacity	150 GB Minimum
RAM	8 GB Minimum

ACCESSORY

RadiLight™

Comfort Light for Reading Rooms

Cabinet Color	Black
Power Requirements	USB power
Energy Effciency Class	G
Energy Consumption	3kWh/1000h
Dimensions (W x H x D)	184 x 185.5 x 15.7 mm
Certifications & Standards	CE/UKCA, 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
Warranty	Three years



The brightness can be adjusted to 10 different levels.

Care for the Radiologist's Eyes

Relief with Gentle Light

RadiLight can be attached to the back of RadiForce monitors and illuminates the wall behind it. As a result, the light source does not shine directly into the radiologist's eye and the visibility of the images on the monitor is not affected.

Spotlight

RadiLight Focus allows you to check or read printed documents or see your keyboard and other tools.

Easily Attachable

RadiLight easily attaches to the back of the monitor stand so it does not take up desk space.

Find your local sales partners or EIZO contact persons: eizo.eu/contact