

## 19-inch, 1 megapixel monitor with DICOM Part 14 calibration for viewing DSA, CT, and MRI.

### Attain Steady Images 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.



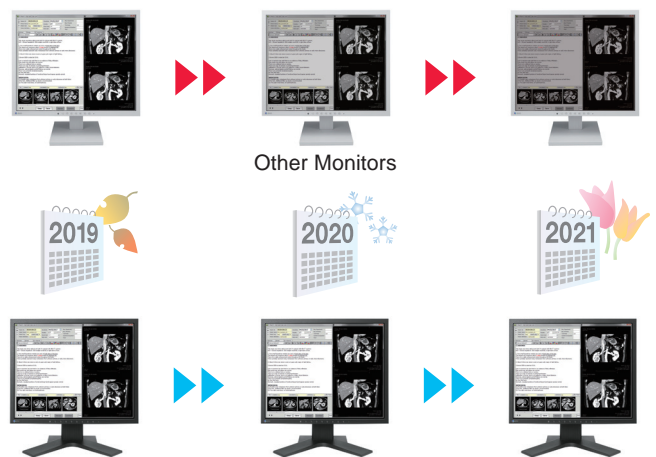
Without DUE



With DUE

### Long-Term Brightness Stability

EIZO guarantees 10,000 hours of use when the brightness is maintained at the recommended 180 cd/m<sup>2</sup> (maximum 350 cd/m<sup>2</sup>). As the monitor is compliant with DICOM Part 14, it can faithfully reproduce medical images such as DSA, CT, and MRI, even over long-term use.



Other Monitors

MX194

# RadiForce® MX194

## Make the Precise Diagnosis

EIZO carefully measures and sets each grayscale tone for compliance with DICOM Part 14. Furthermore, at startup or upon wakeup, the EIZO-patented drift correction function quickly stabilizes the brightness level and compensates the brightness fluctuations caused by the ambient temperature and the passage of time, allowing medical images to be faithfully reproduced with stable brightness and grayscale.

## Simplified Calibration to DICOM Part 14

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.

## Image Clarity with High Contrast

The MX194 adopts a high contrast VA panel allowing images to be viewed with clarity. With deep blacks, contrast between colors is significant for clear reproduction of color images.

## Gain Smooth Color Reproduction

The monitor can support 10-bit input for each RGB color, displaying more than one billion colors simultaneously.

This ensures accurate reproduction of color tones for 3D color rendering and image fusion.

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

## Select the Ideal Mode for Modalities

Choose various modes for different modalities such as CR, CT, and endoscopy with the CAL Switch function. Using the bundled RadiCS LE software, modes can be set to automatically switch to optimal image viewing conditions.

## 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.

## Rest Assured with Medical Qualifications

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

## Warranty with Safety and Trust

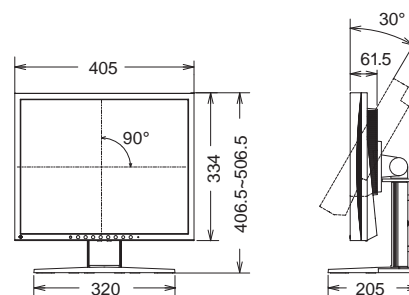
EIZO and its authorized distributors offer a five-year limited warranty.

## Specifications

<b>Cabinet Color</b>		Black
<b>Panel</b>	<b>Type</b>	Color (VA)
	<b>Backlight</b>	LED
	<b>Size</b>	48.1 cm / 19.0"
	<b>Native Resolution</b>	1280 x 1024 (5:4 aspect ratio)
	<b>Viewable Image Size (H x V)</b>	376.3 x 301.0 mm
	<b>Pixel Pitch</b>	0.294 x 0.294 mm
	<b>Display Colors</b>	10-bit colors (DisplayPort) : 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 543 billion colors
	<b>Viewing Angles (H / V, typical)</b>	178° / 178°
	<b>Brightness (typical)</b>	350 cd/m <sup>2</sup>
	<b>Contrast Ratio (typical)</b>	2000:1
<b>Response Time (typical)</b>	20 ms (on / off)	
<b>Video Signals</b>	<b>Input Terminals</b>	DVI-D x 1, DisplayPort x 1, D-Sub mini 15 pin x 1
	<b>Digital Scanning Frequency (H / V)</b>	31 - 64 kHz / 59 - 61 Hz
	<b>Analog Scanning Frequency (H / V)</b>	24.8 - 80 kHz / 50 - 75 Hz
	<b>Sync Formats</b>	Separate
<b>USB</b>	<b>Function</b>	1 upstream
	<b>Standard</b>	USB 2.0
<b>Power</b>	<b>Power Requirements</b>	AC 100 - 240 V: 50 / 60 Hz
	<b>Maximum Power Consumption</b>	28 W
	<b>Typical Power Consumption</b>	15 W
	<b>Power Save Mode</b>	0.6 W or less
<b>Sensor</b>		Backlight Sensor
<b>Features &amp; Functions</b>	<b>Brightness Stabilization</b>	Yes
	<b>Digital Uniformity Equalizer</b>	Yes
	<b>Preset Modes</b>	CAL Switch
	<b>OSD Languages</b>	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese
<b>Physical Specifications</b>	<b>Net Weight</b>	6.0 kg
	<b>Net Weight (Without Stand)</b>	4.2 kg
	<b>Hole Spacing (VESA Standard)</b>	100 x 100 mm
<b>Certifications &amp; Standards (Please contact the EIZO group company or distributor in your country for the latest information.)</b>		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
<b>FDA</b>		Pending 510(k) Clearance for General Radiography *
<b>Supplied Accessories (May vary by country. Please contact EIZO for details.)</b>		AC power cord, signal cable (DisplayPort - DisplayPort), USB cable, Utility Disk (RadiCS LE, PDF installation manual), instructions for use
<b>Warranty</b>		Five Years

\* Display of mammography images for diagnosis is not supported.

## Dimensions (Unit: mm)



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