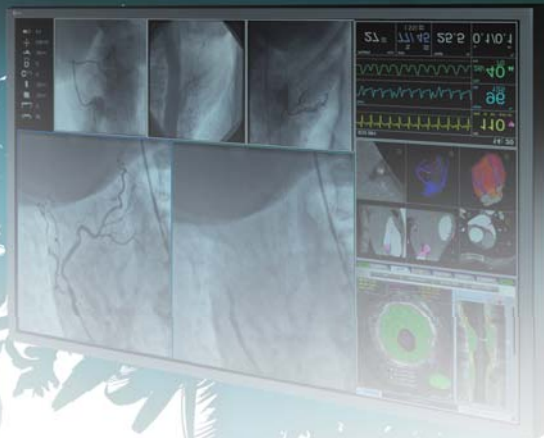




Surgical Monitor Solutions

RadiForce® L&E-Series

Future Focused

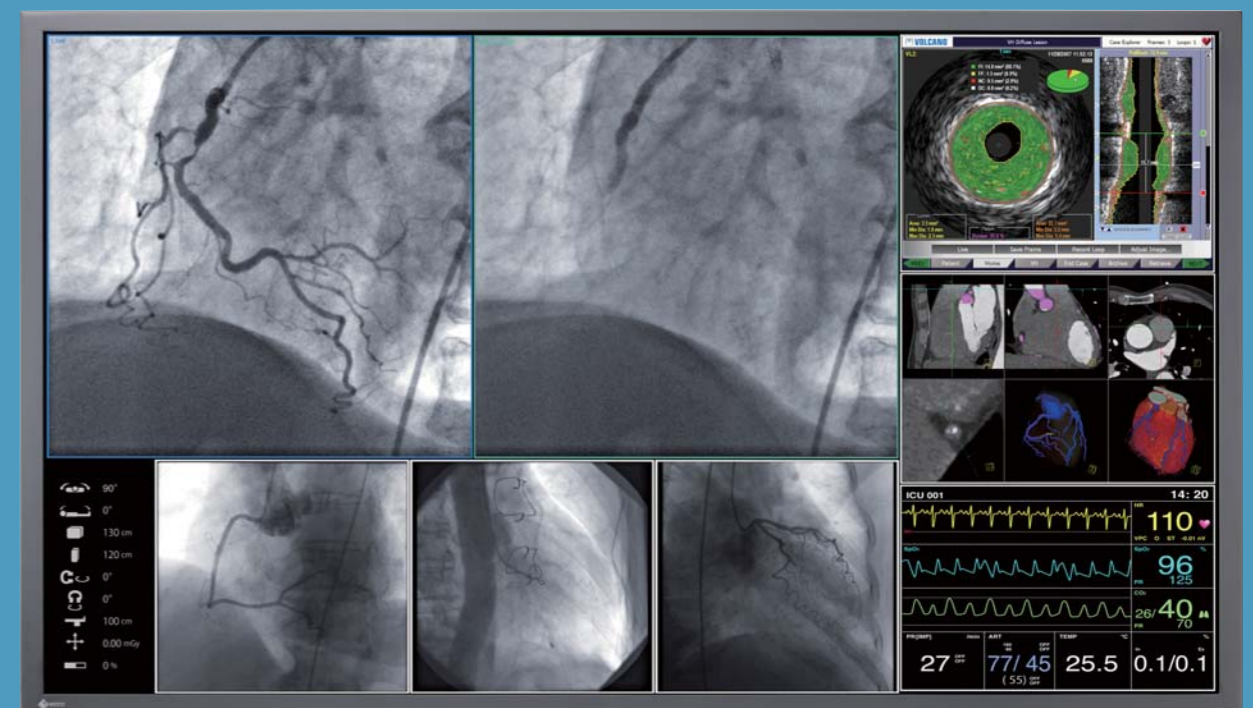


Future Focused

EIZO's complete spectrum of RadiForce medical monitor solutions delivers exceptionally accurate and stable image display at leading hospitals around the world.

Our commitment to technological innovation includes making products that are as ergonomically, environmentally, and economically-friendly as possible.

With the shift to completely filmless systems for improved efficiencies in patient care, EIZO will continue to provide products of unsurpassed quality, consistency, and value that are truly future focused.



Selecting the Optimum Surgical Monitor

For the Interventional Radiology Room

High-Quality Images Enhance Surgical Efficiency

During Interventional Radiology (IR), a wide range of medical information and images are required simultaneously, thus cutting-edge display quality makes a difference by bringing out the details the interventional radiologist needs at the time she needs them.

Focal Point on a Single Monitor

With its size and resolution, EIZO's large-scale monitors for operating rooms can display images from multiple modalities simultaneously. This improves work efficiency while solving common issues encountered in multi-monitor environments like differences in panel color.



For the Control Room

Different Models for Reliable Integration

In the control room there is a need for high quality diagnostic monitors with larger screens and intelligent picture management to watch and control all applications and images used in the operating room from one centralized working place.

For the Operating Room

DICOM Compliant Large Monitors

Seamless extension of PACS (Picture Archiving and Communication System) enables the digital distribution of modality image information into the operating room as an alternative to traditional film. Having a large monitor that is compliant with DICOM Part 14 and capable of handling a large volume of information reduces the overall equipment footprint in the operating room while increasing flexibility and efficiency.

Monitors to Match Up with Endoscopic Systems

The advances in endoscopic video cameras used in procedures have increased demands placed on monitors deployed with these systems. EIZO monitors offer smooth rendering of the movements and variable color adjustments for easier tissue recognition.

Fulfilling Clean Environment Requirements

All devices used in an operating room must fulfill special hygienic requirements. EIZO monitors come with a waterproof panel protector for safe and clean integration in the operating room. With their clean lines and smooth surfaces, all monitors allow easy cleaning and disinfection and were designed for appropriate resistance to medical cleaning agents.



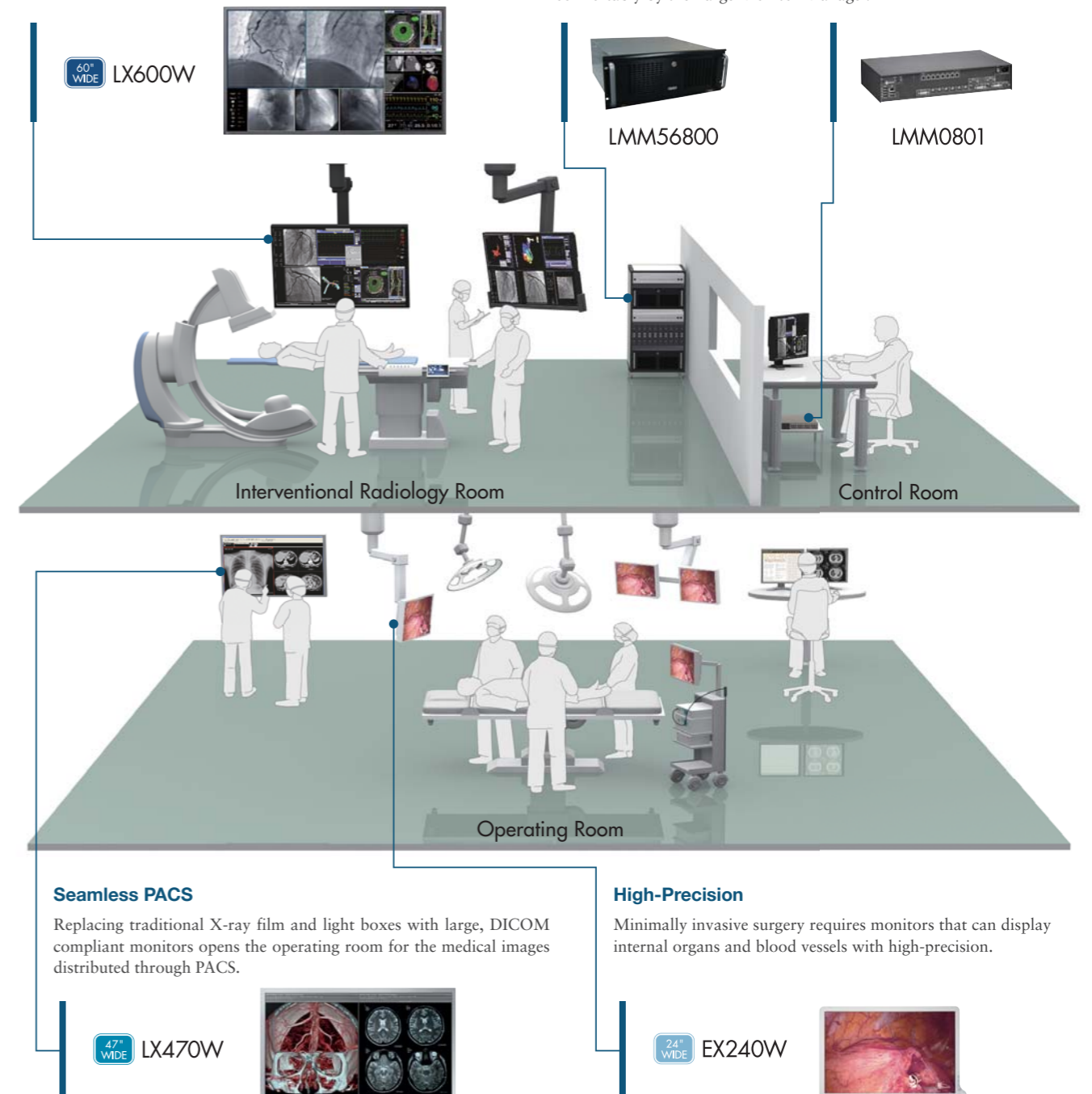
Surgical Monitor Solutions

Everything for a Clear Decision at a Single Glance

With all relevant images available at a single glance, offering information on a large screen is ideal for supporting efficient and smooth surgical operations.

Complete Manager Behind the Scenes

To take full advantage of the large screen monitor, data must be gathered from the various sources and directed in accordance with the variable viewing configurations. These tasks are handled quickly and comfortably by the Large Monitor Manager.



RadiForce® L&E-Series Surgical Monitors

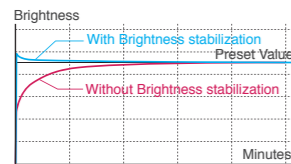
As the variety of different picture sources increases, state-of-the-art operating rooms are increasingly shifting from traditional X-ray film to displaying images on monitors. These images originate from boom and endoscopy cameras to C-arms and Picture Archiving and Communication Systems (PACS). With EIZO's RadiForce surgical monitors, all images can be conveniently provided for clear decision-making and the highest diagnostic precision.

Common Features

Quick Brightness Stabilization for Instant Viewing

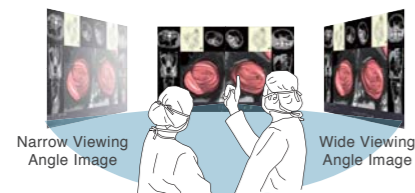
EIZO's fully automated stability function makes use of an internal backlight sensor to quickly stabilize the brightness level at startup and to compensate for fluctuations caused by variations in ambient temperature and the passage of time.

All models but E-Series.



Wide Viewing Angles for Multiple People Use

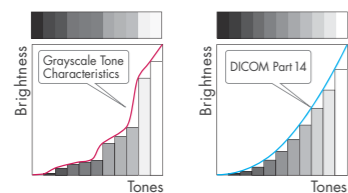
Thanks to the wide viewing angles, images can be viewed simultaneously by several people with the highest quality reproduction and minimal color shift.



Diagnostic Precision with Factory Adjustment

To ensure the most accurate and consistent shadings possible, EIZO carefully measures and sets every grayscale tone on the production line to offer monitors fully compliant with DICOM Part 14.

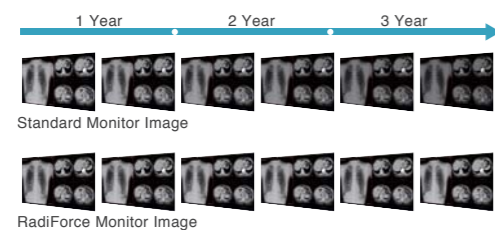
All models but E-Series.



Consistency with DICOM Part 14 Calibration

RadiForce monitors are calibrated to comply with DICOM Part 14 to offer rendering consistency over time.

All models but E-Series.



LCD Panel Protector for Easy Cleaning

Panel protector is pre-attached to the monitor during production or offered as an option to protect against dust and scratches. Clean lines and smooth surfaces also allow easy cleaning and disinfecting.

All models but ES150.



Arm Mountable VESA Compliance

VESA compliance to be attached to existing mounting accessories.



Customer Assurance with Medical Standards

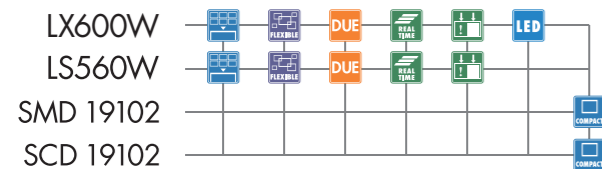
EIZO monitors meet the strictest medical, safety, and EMC emission standards.



Monitors for Interventional Radiology Rooms

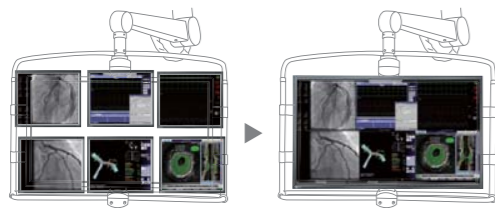
With a selection ranging from space-saving compact screen monitors up to a 60-inch large screen for flexible image layouts, EIZO offers an ideal spectrum of monitors for image distribution in the interventional radiology room.

- 60" WIDE LX600W**
153 cm (60.1") Color LCD Monitor
- 19" SMD 19102**
48 cm (19") Monochrome LCD Monitor
- 56" WIDE LS560W**
143 cm (56.2") Color LCD Monitor
- 19" SCD 19102**
48 cm (19") Color LCD Monitor



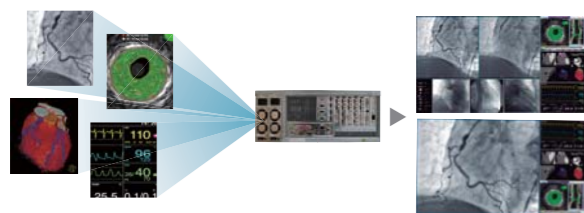
Everything in a Single Glance

Widescreen monitors with a 3840 x 2160 native resolution roughly equal in size to six 1.3 megapixel (1280 x 1024) monitors. Compared with multi-monitor scenarios, these large screen monitors have no regional color differences or obtrusive bezels, thus reducing eye fatigue and the potential for distraction.



Saving time by Optimizing Workflow

Flexible viewing of large volumes of information on a single monitor improves workflow efficiency and saves time. Individual image placement and window size preferences can be easily arranged and recalled using a Large Monitor Manager.



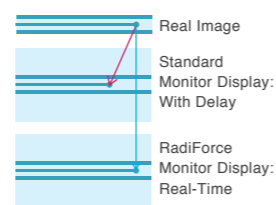
Brightness Uniformity for a Steadier Image Across the Screen

The Digital Uniformity Equalizer (DUE) function provides optimum backlight luminance uniformity which is considered difficult to attain due to the characteristics of LCD monitors, especially with larger screen sizes.



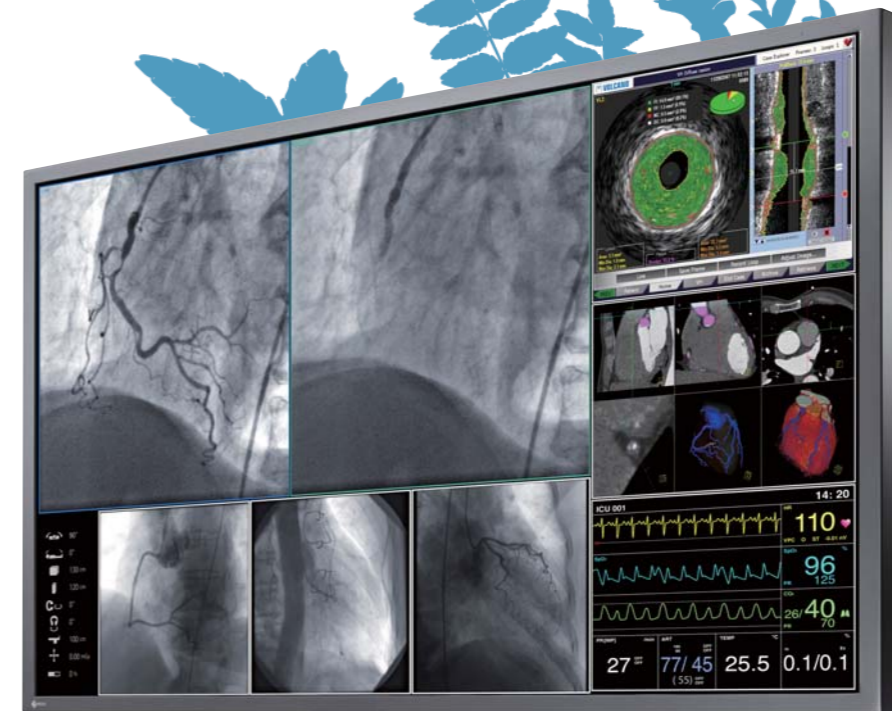
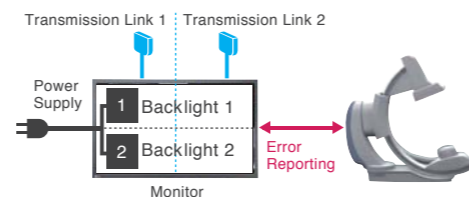
Work Safely with Minimal Picture Delay

With images displayed on the screen in real time, time critical aspects of image distribution are addressed to ensure e.g. safe catheter localization during insertion into an artery.

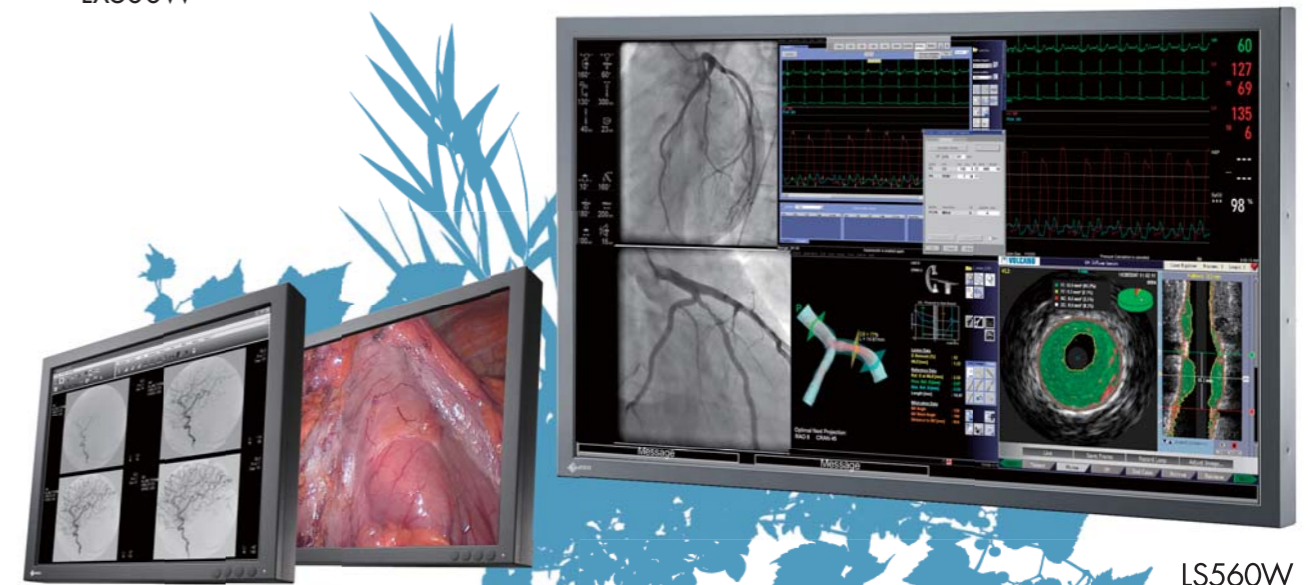


Operational Reliability Through Redundant Components

With its redundant components architecture (2 power supplies, 2 backlights, 2 transmission links), EIZO ensures a high degree of operational reliability for fail-safe environments. A monitoring function can be configured to notify the X-ray system if e.g. operating conditions become critical or a component fails.



LX600W



LS560W



SMD 19102

SCD 19102

Longer Service Life with LED Backlight

Unlike conventional CCFL backlights, LED backlights deteriorate more slowly and thus the monitor offers a longer service life. This ensures stable and reliable performance that is needed for diagnostic monitors. Since the LED backlight is mercury free, it will reduce any potential impact on the environment when it is disposed of.

Space-Efficient Installation Alternative

With their compact size and VESA mount compatibility, the 19-inch monochrome and color monitors serve as efficient alternatives for use in environments with limited space.

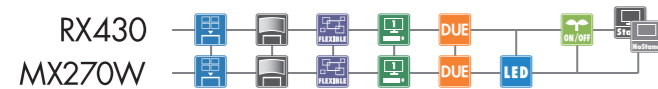


Monitors for Control Rooms

29.8-inch or 27-inch wide screen is the ideal monitor size to watch and control all applications and images used in the operating room from the control room desk. High-end and standard models are available to fit your usage requirements.

29.8" WIDE RX430
76 cm (29.8") Color LCD Monitor

27" WIDE MX270W
68 cm (27") Color LCD Monitor



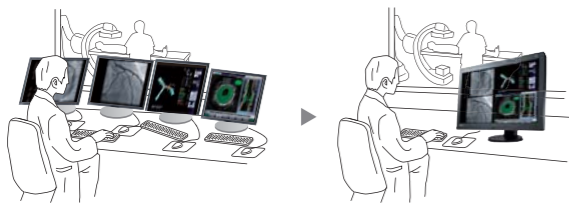
Everything on One Screen

Their high resolution is suitable for displaying and viewing large volumes of information on just one screen. This improves workflow efficiency and saves time.



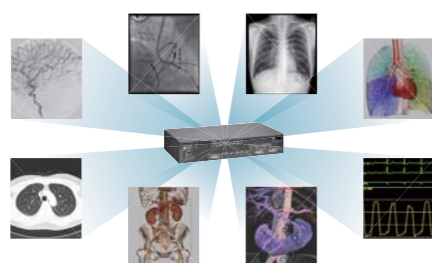
Just the Right Size to Ensure a Direct View into the Operating Room

29.8-inch or 27-inch wide format screen size creates more free space for work efficiency in the control room and ensures a direct view into the operating room.



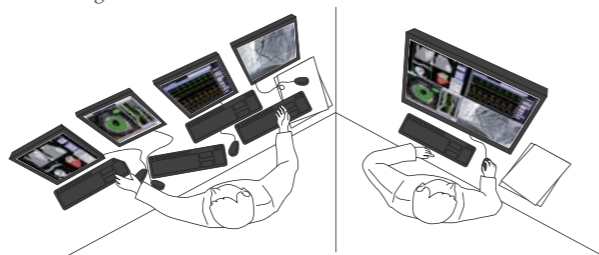
Flexible Operation from a Centralized Workplace

The Large Monitor Manager bundles up eight different sources and enables you to control them from one location. Individual image placement and window size preferences can be easily arranged and recalled using the Large Monitor Manager.



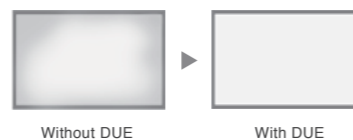
One Monitor, Keyboard and Mouse

Working with the Large Monitor Manager, the operator can focus on a single monitor, keyboard and mouse instead of juggling with multiple systems. This speeds up workflow and reduces the potential for handling errors.



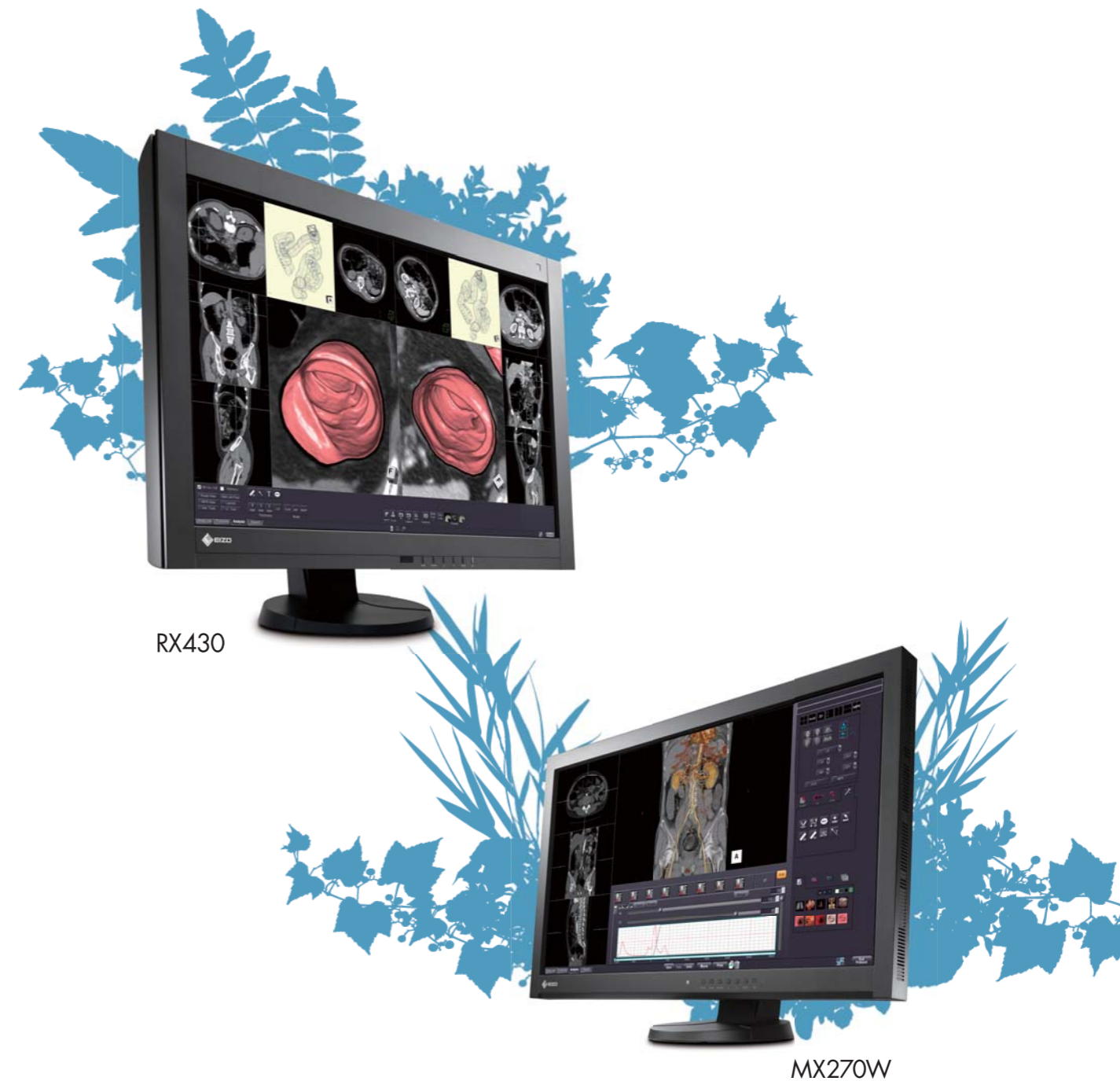
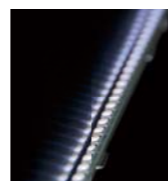
Brightness Uniformity for a Steadier Image Across the Screen

The Digital Uniformity Equalizer (DUE) function provides optimum backlight luminance uniformity which is considered difficult to attain due to the characteristics of LCD monitors, especially with larger screen sizes.



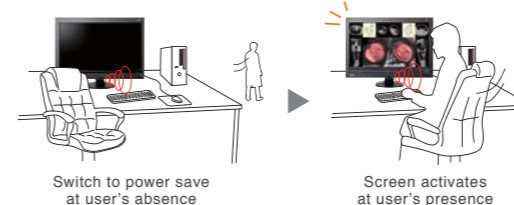
Environmentally-Friendly LED Backlight

By utilizing an energy-efficient LED as a backlight, the monitor achieves a high-brightness. Power consumption is reduced by 42% (EIZO's internal measurement.) compared to the same size monitor with a conventional CCFL backlight. Since the LED backlight is mercury free, it will reduce any potential impact on the environment when it is disposed of.



Presence Sensor for Power Savings

The presence sensor feature unites convenience with savings by ensuring that the monitor conserves power when it is not in use. The presence sensor prompts the monitor to switch to power save mode when it detects the user is away from the monitor, and then resume normal operation when the user returns.



Available in Two Configurations

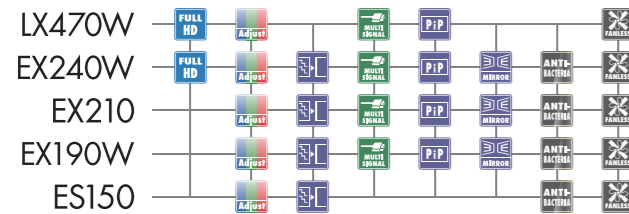
In addition to its versatility for control room use, the RX430 can be used for viewing images in operating rooms. To meet the needs of different OR environments, this monitor is available in two configurations: standard with stand, and free mount (no stand) but with panel protector for easy attachment to ceiling suspensions.



Monitors for Operating Rooms

The 47-inch large screen monitor is ideally suited for viewing medical images from a PACS system or serving as a repeater monitor in the operating room. EIZO also offers four monitors in a range of sizes for use with endoscopic systems in the OR. These monitors are also suitable for direct connection to computer systems in the hospital.

- 47" WIDE** LX470W
119 cm (47") Color LCD Monitor
- 19" WIDE** EX190W
48 cm (19") Color LCD Monitor
- 24" WIDE** EX240W
61 cm (24") Color LCD Monitor
- 15" WIDE** ES150
38 cm (15") Color LCD Monitor
- 21" WIDE** EX210
54 cm (21.3") Color LCD Monitor



LX470W

EX240W



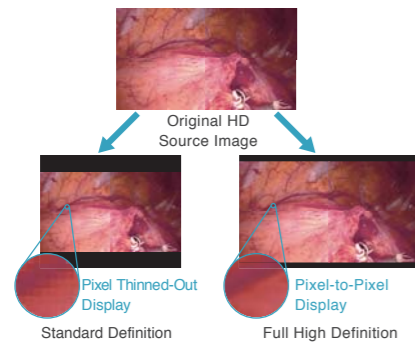
EX210

ES150

EX190W

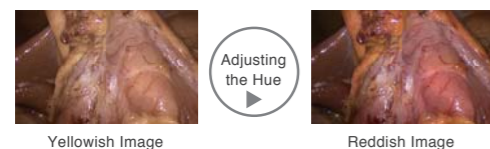
FULL HD Full High-Definition

With a native resolution of 1920 x 1200 / 1920 x 1080, the monitor can display original, full HD images in 1920 x 1080 resolution without blurring or distortion.



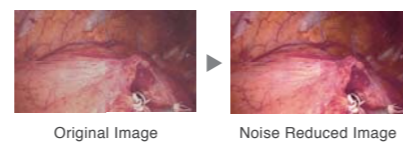
Colors to Fit the Physician's Preference

The color, hue, saturation, brightness, contrast, temperature and tones of the display can be adjusted to best fit the physician's color preference.



Noise Reduced and Image Sharpened

Identifies and reduces high pitched noise and recognizes and sharpens blurred areas to produce crisp, clear, and smooth images while maintaining fine image details.



Wide Range of Input and Output Support

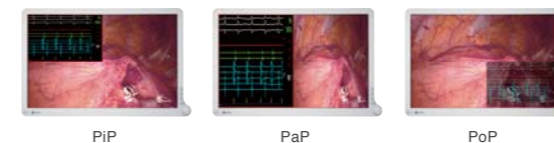
EIZO offers multiple input signals to allow connections with both legacy and state-of-the-art endoscopic systems without the need of other optional devices or costs. With loop-through output support, the monitors are also ideally suited for multi-monitor integration or archiving in the operating room.



EX240W Input / Output Terminals

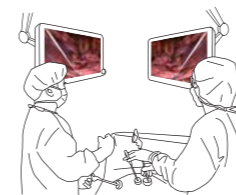
Dual Picture Viewing Modes

With Picture-in-Picture (PiP), Picture-and-Picture (PaP), and Picture-over-Picture (PoP) functions, archived images or patient data can be reviewed simultaneously during an operation.



Mirror Image for an Alternative Viewpoint

The mirror viewing function displays the inverse image of the original video signal to support the viewing direction of the surgical assistant. The Freeze, Zoom/Pan and Overscan functions are also available for ease of use during an operation.



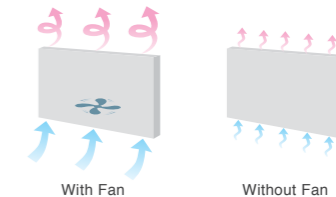
Safe Use with Antibacterial Monitor

Complies with ISO 22196 standards in regards to antimicrobial activity of antibacterial-treated monitor enclosures, to prevent biodeterioration and odor on the monitor.



Fanless Silent Design

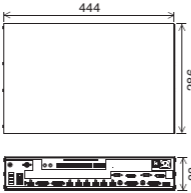
Engineered to dissipate heat without a fan, thus keeping distracting noises and circulation of dust and germs out of the operating room while ensuring the controlled laminar airflow remains undisturbed within the room.



Signal Routing Solutions


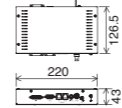
With increasing system connectivity, multiple systems and monitors are often used concurrently in surgical rooms, thus increasing the overall complexity of and maintenance effort for the signal network. To ensure safe and reliable integration within the surgical room, EIZO offers flexible and easy to install signal routing solutions for use with its monitor systems.

Large Monitor Manager

| | LMM56800 | LMM0802 | LMM0801 |
|-------------------------------|--|--|--|
| |  |  |  |
| | The Large Monitor Manager for the 8 megapixel monitors gathers various video inputs, combines and arranges them in accordance with user preferences, and displays the resulting output on the large screen. Picture arrangements can be stored and recalled to simplify the surgeon's individual workflow preferences. | Large Monitor Manager for the 8 megapixel monitors RadiForce LX600W and LS560W. It gathers various video inputs and displays them on the large screen. Different layouts can be arranged according to user preferences and working situation. This simplifies the surgeon's individual workflow. | Flexible management of large wide screen monitors by combining and arranging all picture information on the monitor. Preferred layouts can be selected in accordance with the operation. All procedures in the operation room can be watched on one monitor and controlled by only one mouse and one keyboard. |
| Model Variations | — | — | LMM0801-L: WQXGA output LMM0801-WQHD: WQHD output LMM0801-FHD: FHD output |
| Cabinet Color | Black | Anthracite Gray | Anthracite Gray |
| Input Terminals | Digital: HDMI connectors (DVI signals only) x 18 Digital / Analog: DVI-I x 3 Analog: D-Sub mini 15 pin x 3 21 simultaneous visible inputs | Digital: HDMI connectors (DVI signals only) x 6 Digital / Analog: DVI-I x 2 Analog: D-Sub mini 15 pin x 2, mini DIN x 2 8 simultaneous visible inputs (in 16 windows maximum) | Digital: HDMI connectors (DVI signals only) x 6 Digital / Analog: DVI-I x 2 Analog: D-Sub mini 15 pin x 2, mini DIN x 2 8 simultaneous visible inputs |
| Input Performance | Digital: DVI (single link), 1920 x 1200 maximum, 60 Hz (165 MHz pixelclock maximum, horizontal size 2048 maximum) Analog: max. 1600 x 1200, 60 Hz (3 Ports), 1280 x 1024 maximum, 75 Hz (3 Ports) | Digital: DVI-D (single link), 1920 x 1200 maximum, 60 Hz or 2048 x 1536, 30 Hz (165 MHz pixelclock maximum, horizontal size 2048 maximum) Analog: DVI-I, VGA, 1920 x 1200 maximum, 60 Hz (170 MHz pixelclock maximum, horizontal size 1920 maximum), S-Video (PAL/NTSC) | Digital: DVI-D (single link), 1920 x 1200 maximum, 60 Hz or 2048 x 1536, 30 Hz (165 MHz pixelclock maximum, horizontal size 2048 maximum) Analog: DVI-I, VGA, S-Video (PAL/NTSC), 1920 x 1200 maximum, 60 Hz (170 MHz pixelclock maximum, horizontal size 1920 maximum) |
| Output Terminals | DVI-D (Dual Link) x 2 | DVI-D (Dual Link) x 2, HDMI (DVI signals only, Single Link) x 1 | DVI-D (Dual Link) x 1 |
| Output Performance | (2048 x 2160) x 2 maximum | (2048 x 2160 @ 60 Hz) x 2 maximum, (1920 x 1080 @ 60 Hz) x 1 | LMM0801-L: 2560 x 1600 (WQXGA), e.g. RadiForce RX430 LMM0801-WQHD: 2560 x 1440 (WQHD), e.g. RadiForce MX270W LMM0801-FHD: 1920 x 1080 (FHD), e.g. RadiForce LX470W |
| Connector | Ethernet (RJ45) | Ethernet (RJ45) | Ethernet (RJ45) |
| USB Ports | — | — | USB downstream (for keyboard / mouse) x 6 USB upstream (for control of video applications on PCs) x 8 |
| Power Requirements | AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz, Redundancy: 2 independent power supplies, hot swap capable | AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz | AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz |
| Power Consumption | 500 W | 100 W | 65 W |
| Degree of Protection | IP20 | IP20 | IP20 |
| Net Weight | 20 kg | 5.3 kg | 5.3 kg |
| Mechanical Adaption | 19" rack design, 4 U high | 19" rack design, 2 U high | 19" rack design, 2 U high |
| OSD Languages | — | English, German | English, German |
| Controls and Status | Software control interface for layout, status and diagnosis, LED Indicators for power supplies | Graphical user interface and software control interface for operating, status and diagnosis, LED indicators for hardware status x 2 | Graphical user interface for operating, status and diagnosis, LED indicators for hardware status x 2 |
| Certifications and Standards* | EN60950-1, CAN/CSA C22.2 No.60950, UL60950, EN55022-Class-B, RoHS, China RoHS, WEEE | EN60601-1, CAN/CSA C22.2 No. 601.1, UL60601-1, EN55022-Class-B, C-tick, RoHS, China RoHS, WEEE, CCC | EN60601-1, CAN/CSA C22.2 No. 601.1, UL60601-1, EN55022-Class-B, C-tick, RoHS, China RoHS, WEEE, CCC |
| Supplied Accessories | AC power cord x 2, Utility Disk (user's manual) | AC power cord (us, eu, cn, jp), adapter cables (HDMI ~ DVI) x 6, mounting brackets, screws x 2, Utility Disk (user's manual, service manual, test patterns) | AC power cord (us, eu, cn, jp), adapter cables (HDMI ~ DVI) x 6, mounting brackets, screws x 2, Utility Disk (user's manual, service manual, test patterns) |
| Warranty | Two Years | Two Years | Two Years |
| Dimensions (Unit:mm) |  |  |  |


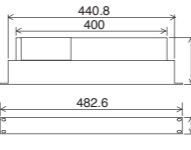
*Please contact the EIZO subsidiary or distributor in your country for the latest information.

Analog-DVI Converter


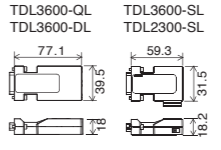
| | PDC0100 |
|-------------------------------|---|
| |  |
| | The PDC0100 converts analog video to DVI format. The integrated Force Mode function supports unique analog input signals. With a range of accessories and high interconnectivity, the converter allows maximum flexibility for integration into existing systems. |
| Model Variations | — |
| Cabinet Color | Anthracite Gray |
| Panel | — |
| Input Terminals | DVI-I (digital: DVI, analog: RGB) x 1, D-Sub mini 15 pin (Separate, Composite, SoG) x 1, BNC (Composite, PAL, NTSC) x 1, 4 pin mini DIN (S-Video) x 1 |
| Input Performance | Digital: DVI-D (single link), max. 1600 x 1200, 60 Hz, Analog: VGA, SVGA, XGA, SXGA, UXGA, PAL, NTSC Scanning Frequency: Analog 30-100 kHz, 50-100 Hz |
| Output Terminals | DVI-D x 1 |
| Output Performance | 1280 x 1024 (SXGA), 60 Hz |
| Connector | RJ11 x 2 (Upstream, Downstream), Supported Signal: RS 232-Bus |
| USB Ports | — |
| Power Requirements | AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz |
| Power Consumption | 10 W |
| Degree of Protection | IP20 |
| Net Weight | 850 g |
| Mechanical Adaption | Injection nut M3 on each side (distance 31.8 mm) x 2 |
| Certifications and Standards* | EN60950, UL60950, CAN/CSA C22.2 No.950, EN60601-1-2-B, FCC-A, RoHS, China RoHS, WEEE |
| Supplied Accessories | External power supply, signal cable (VGA ~ VGA, DVI ~ DVI), remote key pad with 30 m cable, Utility Disk (user's manual) |
| Warranty | Two Years |
| Dimensions (Unit:mm) |  |

*Please contact the EIZO subsidiary or distributor in your country for the latest information.


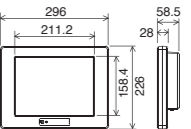
DVI Splitter / Scaler

| | PDS0800-HD |
|-------------------------------|--|
| |  |
| | Two independent dual link DVI inputs are repeated and doubled. Signals coming from LMM56800 or LMM0802 are repeated and doubled to connect two 8 megapixel monitors. The HD output generates a downscaled representation of the content displayed on the large screen. |
| Model Variations | — |
| Cabinet Color | Light Gray |
| Panel | — |
| Input Terminals | DVI-D (dual link) x 2 |
| Input Performance | 1920 x 2160, 60 Hz x 2 (130 MHz Dot Clock) |
| Output Terminals | DVI-D (dual link) x 4, DVI-D (single link) x 1, mini DIN (YPbPr) x 1 |
| Output Performance | 1920 x 2160 (60 Hz) x 4, 1920 x 1080 (60 Hz), YPbPr 1920 x 1080 (60 Hz) |
| Connector | — |
| USB Ports | — |
| Power Requirements | AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz |
| Power Consumption | 20 W |
| Degree of Protection | IP20 |
| Net Weight | 1.1 kg |
| Mechanical Adaption | 19", 1U high |
| Certifications and Standards* | EN60950, EN55022 Class B, EN55024, FCC-A, RoHS, China RoHS, WEEE |
| Supplied Accessories | Adapter mini DIN to 3 x cinch, external power supply |
| Warranty | Two Years |
| Dimensions (Unit:mm) |  |

DVI Transmission Link

| | TDL3600 / TDL2300 |
|-------------------------------|---|
| |  |
| | Digital graphics interconnection enables data transmission of high-quality video data of up to 36 meters with no quality loss. Transmitting the data over an Ethernet cable allows robust handling and simple setup, and the cables can be easily run through small conduits and holes. |
| Model Variations | TDL3600-QL: Quad Link, 36 m TDL3600-DL: Dual Link, 36 m TDL3600-SL: Single Link, 36 m TDL2300-SL: Single Link, 23 m |
| Cabinet Color | Silver |
| Panel | — |
| Input Terminals | TDL3600-QL: DVI-D (dual link) x 2 TDL3600-DL: DVI-D (dual link) x 1 TDL3600-SL / TDL2300-SL: DVI-D x 1 |
| Input Performance | Transmitter module at PC side (DVI-D ~ RJ45), Ethernet cable (RJ45 ~ RJ45), Receiver module at monitor side (RJ45 ~ DVI-D) |
| Output Terminals | TDL3600-QL: DVI-D (dual link) x 2 TDL3600-DL: DVI-D (dual link) x 1 TDL3600-SL / TDL2300-SL: DVI-D x 1 |
| Output Performance | TDL3600-QL: 3840 x 2160 TDL3600-DL: 2560 x 1600 TDL3600-SL/TDL2300-SL: 1920 x 1200 |
| Connector | — |
| USB Ports | — |
| Power Requirements | PC side: through DVI interface Monitor side: 5 V support from monitor Optional: 5 V external power supply |
| Power Consumption | — |
| Degree of Protection | — |
| Net Weight | — |
| Mechanical Adaption | — |
| Certifications and Standards* | EN60601-1, CAN/CSA C22.2 No.601.1, UL60601-1, EN60601-1-2 Class B, FCC -A, RoHS, China RoHS, WEEE |
| Supplied Accessories | TDL3600-QL: Transmitter x 2, Receiver x 2, mounting set for LX600W/LS560W, mounting set for LMM56800/LMM0802, 36 m cable x 4, TDL3600-DL: Transmitter, Receiver, 36 m cable x 2, external power supply, TDL3600-SL: Transmitter, Receiver, 36 m cable, and external power supply (option), TDL2300-SL: Transmitter, Receiver, 23 m cable, and external power supply Utility Disk (user's manual) |
| Warranty | Two Years |
| Dimensions (Unit:mm) |  |

Touch Panel Console Monitor

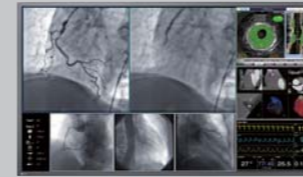
| | CID1000P |
|-------------------------------|--|
| |  |
| | The CID1000P offers a highly reliable platform with flexible mounting options. It is specially designed for use with the LMM56800 and LMM0802 as an operating monitor with touch functionality, enabling the quick and easy set up and recall of various screen layouts. |
| Model Variations | — |
| Cabinet Color | White |
| Panel | Type: TFT Color LCD Panel Size: 10.4" Brightness: 230 cd/m ² (typical) |
| Input Terminals | RS232 x 1 |
| Input Performance | 800 x 600 |
| Output Terminals | — |
| Output Performance | — |
| Connector | Ethernet x 2 |
| USB Ports | USB downstream x 2 |
| Power Requirements | 12 - 24 VDC |
| Power Consumption | — |
| Degree of Protection | IP65 for front, IP21 |
| Net Weight | 2.2 kg |
| Mechanical Adaption | VESA standard 75 x 75 mm |
| Certifications and Standards* | CE, cULus, IEC60601-1, FCC-B, EN55011-B, RoHS, China RoHS, WEEE |
| Supplied Accessories | AC power cord, AC adapter, Utility Disk (user's manual) |
| Warranty | Two Years |
| Dimensions (Unit:mm) |  |

Accessories

| Ceiling and Wall Mounts, and Stands | |
|---|--|
| | Ceiling Suspension / CEMOR-MMP90 Two arm with motor, compatible with LX600W, LX600WP and LS560W. |
| | Ceiling Suspension / CEMOR-MMP85 One arm spring, compatible with LX600W, LX600WP and LS560W. |
| | Wall Mount / FWM6300 Compatible with LX600W, LX600WP, LS560W and LX470W. |
| | Stand / FST4700 Compatible with LX470W. |
| | Stand / FST5600 Compatible with LS560W. |
| | Holder / FID1000 Compatible with CID1000P. |
| Panel Protector | |
| An additional panel protector protects the monitor surface against liquids and scratches and alleviates monitor front disinfection. | |
| | Frontframe with Protection Screen Compatible with LS560W. |
| | Panel Protector / FP-2702W* Compatible with MX270W. |
| Cleaner | |
| Keep the screen free from dust and fingerprints with this screen cleaner kit. Includes pump spray and cloth. | |
| | Monitor Cleaning Kit / ScreenCleaner Compatible with all monitors. |
| Signal Cables and Adapters | |
| Various cables and adapters permit trouble-free integration of our monitors even into highly complex systems. | |
| | DVI-D ~ DVI-D Dual Link Signal Cable 2 m, compatible with LX600W, LX600WP, LS560W, RX430 and MX270W. |
| | DVI-D ~ DVI-D Single Link Signal Cable 3 m, compatible with LX470W, SMD 19102, and SCD 19102. |
| | DVI-D ~ HDMI Signal Cable 5 m, compatible with LMM56800, LMM0802 and LMM0801. |
| | DVI to HDMI Conversion Adapter Compatible with LMM56800, LMM0802 and LMM0801. |
| | BNC to VGA Conversion Adapter Compatible with LX470W, SCD 19102, and PDC0100. |

*Integrated Front Sensor is unusable with panel protector.

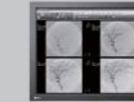
Specifications



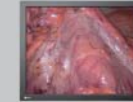
60" WIDE RadiForce LX600W



56" WIDE RadiForce LS560W



19" SMD 19102



19" SCD 19102

| Model Variations | LX600W: Without Panel Protector, without Stand LX600WP: With Panel Protector, without Stand | — | SMD 19102 D: With Stand SMD 19102 C: Without Stand SMD 19102 CP: Without Stand, with Panel Protector | SCD 19102 D: With Stand SCD 19102 C: Without Stand SCD 19102 CP: Without Stand, with Panel Protector |
|--|---|--|--|--|
| Cabinet Color | Antracite Gray | Antracite Gray | Antracite Gray | Antracite Gray |
| Panel Type | TFT Color LCD Panel (VA) | TFT Color LCD Panel (VA) | TFT Monochrome LCD Panel (IPS) | TFT Color LCD Panel (IPS) |
| Panel Size | 153 cm / 60.1" (1,526 mm diagonal) | 143 cm / 56.2" (1,430 mm diagonal) | 48 cm / 19" (481 mm diagonal) | 48 cm / 19" (481 mm diagonal) |
| Display Size (H x V) | 1330 x 748 mm | 1244.1 x 699.8 mm | 376 x 301 mm | 376 x 301 mm |
| Pixel Pitch | 0.3465 x 0.3465 mm | 0.324 x 0.324 mm | 0.294 x 0.294 mm | 0.294 x 0.294 mm |
| Native Resolution | 3840 x 2160 (16:9 aspect ratio) | 3840 x 2160 (16:9 aspect ratio) | 1280 x 1024 (5:4 aspect ratio) | 1280 x 1024 (5:4 aspect ratio) |
| Grayscale Tones | — | — | 256 tones | — |
| Display Colors | 16.77 million colors | 16.77 million colors | — | 16.77 million colors |
| Viewing Angles (H, V) | 176°, 176° | 176°, 176° | 170°, 170° | 170°, 170° |
| Brightness (typical) | 520 cd/m ² | 450 cd/m ² | 1,000 cd/m ² | 280 cd/m ² |
| Recommended Brightness for Calibration | 300 cd/m ² | — | 400 cd/m ² | — |
| Contrast Ratio (typical) | 4000:1 | 1200:1 | 900:1 | 600:1 |
| Response Time (typical) | 6 ms (Midtone) | 6.5 ms (Midtone) | 25 ms (On/Off) | 28 ms (On/Off) |
| Scanning Frequency (H, V) | 124 - 131.4 kHz, 59.7 - 60.3 Hz | 131.3 kHz, 59.7 - 60.3 Hz | Digital: 31 - 100 kHz, 48 - 85 Hz Analog: 24 - 100 kHz, 50 - 100 Hz | Digital: 31 - 100 kHz, 48 - 85 Hz Analog: 24 - 100 kHz, 50 - 100 Hz |
| Dot Clock | 257 MHz | 257.5 MHz | 135 MHz | 135 MHz |
| Input Terminals | DVI-D (dual link) x 2 | DVI-D (dual link) x 2 | BNC (Composite, SoG) x 3, BNC (CVBS) x 1, DVI-I x 1, D-Sub mini 15 pin (Separate Sync, Composite Sync, SoG) x 1, S-Video x 1 | BNC (Composite) x 1, DVI-I x 1, D-Sub mini 15 pin (Separate Sync, Composite Sync, SoG) x 1, S-Video x 1 |
| Output Terminals (Loop Through) | — | — | BNC (SoG) x 1 | — |
| Sync Formats | — | — | Separate, Composite, Sync-on-Green | — |
| USB Ports / Standard | — | — | — | — |
| Power Requirements | 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 | AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz |
| Maximum Power Consumption / Save Mode | 500 W / Less than 41 W | 500 W / Less than 41 W | 58 W / Less than 8 W | 58 W / Less than 8 W |
| Power Management | DVI DMPM | DVI DMPM | Analog: VESA DPM, Digital: DVI DMPM | Analog: VESA DPM, Digital: DVI DMPM |
| Sensor | Backlight Sensor | Backlight Sensor | Backlight Sensor | Backlight Sensor |
| OSD Languages | — | — | English, German | English, German |
| Net Weight | LX600W: 60 kg LX600WP: 70 kg | 49 kg | SMD 19102 D: 10.7 kg SMD 19102 C: 6.4 kg SMD 19102 CP: 7 kg | SCD 19102 D: 10.7 kg SCD 19102 C: 6.4 kg SCD 19102 CP: 7 kg |
| Hole Spacing | VESA standard 400 x 400 mm | VESA standard 400 x 400 mm | VESA standard 100 x 100 mm | VESA standard 100 x 100 mm |
| Degree of Protection | IP20 | IP20 | SMD 19102 D, SMD 19102 C: IP20 SMD 19102 CP: IP22 for front, IP20 | SCD 19102 D, SCD 19102 C: IP20 SCD 19102 CP: IP22 for front, IP20 |
| Certifications and Standards* | EN60601-1 3rd edition, EN60601-1-2 Class A, UL60601-1, CSA C22.2 No. 601-1, FCC-A, RoHS, China RoHS, WEEE | CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, FCC-A, RoHS, China RoHS, WEEE, CCC | CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, FCC-A, RoHS, China RoHS, WEEE, CCC, GOST-R | CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, FCC-A, RoHS, China RoHS, WEEE, CCC, GOST-R |
| FDA 510(k) Clearance | — | — | — | — |
| Supplied Accessories | AC power cord, dual link signal cable (DVI-D ~ DVI-D), Utility Disk (user's manual) | AC power cord, dual link signal cable (DVI-D ~ DVI-D), Utility Disk (user's manual) | AC power cord, signal cable (DVI-D ~ DVI-D), Utility Disk (user's manual) | AC power cord, signal cable (DVI-D ~ DVI-D, BNC ~ D-Sub mini 15 pin), Utility Disk (user's manual) |
| Warranty | Two Years | Two Years | Five Years | Five Years |
| Dimensions (Unit: mm) | | | | |
| Connectors | | | | |

*Please contact the EIZO subsidiary or distributor in your country for the latest information.

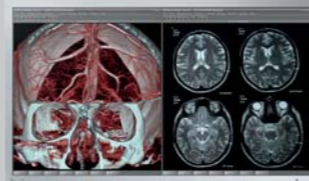
Specifications



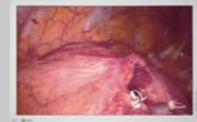
29.8" WIDE RadiForce RX430



27" WIDE RadiForce MX270W



47" WIDE RadiForce LX470W



24" WIDE RadiForce EX240W



21" WIDE RadiForce EX210



19" WIDE RadiForce EX190W



15" WIDE RadiForce ES150

| | RadiForce RX430 | RadiForce MX270W | RadiForce LX470W | RadiForce EX240W | RadiForce EX210 | RadiForce EX190W | RadiForce ES150 | |
|--|--|---|--|--|--|--|---|--|
| Model Variations | RX430: With Stand RX430-FC: Without Stand, with Panel Protector | — | — | — | — | — | — | |
| Cabinet Color | Black | Black | Black, White | Light Gray | Light Gray | Light Gray | Light Gray | |
| Panel Type | TFT Color LCD Panel (IPS) | TFT Color LCD Panel (IPS) | TFT Color LCD Panel (IPS) | TFT Color LCD Panel (IPS) | TFT Color LCD Panel (IPS) | TFT Color LCD Panel (IPS) | TFT Color LCD Panel (VA) | |
| Panel Size | 76 cm / 29.8" (756 mm diagonal) | 68 cm / 27" (684 mm diagonal) | 119 cm / 47" (1,193 mm diagonal) | 61 cm / 24" (611 mm diagonal) | 54 cm / 21.3" (540 mm diagonal) | 48 cm / 19" (482 mm diagonal) | 38 cm / 15" (380 mm diagonal) | |
| Display Size (H x V) | 641.2 x 400.8 mm | 596.7 x 335.6 mm | 1039.7 x 584.8 mm | 518.4 x 324 mm | 432 x 324 mm | 409.5 x 255.9 mm | 304 x 228 mm | |
| Pixel Pitch | 0.2505 x 0.2505 mm | 0.233 x 0.233 mm | 0.5415 x 0.5415 mm | 0.270 x 0.270 mm | 0.270 x 0.270 mm | 0.243 x 0.243 mm | 0.297 x 0.297 mm | |
| Native Resolution | 2560 x 1600 (16:10 aspect ratio) | 2560 x 1440 (16:9 aspect ratio) | 1920 x 1080 (16:9 aspect ratio) | 1920 x 1200 (16:10 aspect ratio) | 1600 x 1200 (4:3 aspect ratio) | 1680 x 1050 (16:10 aspect ratio) | 1024 x 768 (4:3 aspect ratio) | |
| Grayscale Tones | — | — | — | — | — | — | — | |
| Display Colors | 10-bit colors: 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 | 16.77 million colors | 16.77 million colors | 16.77 million colors | 16.77 million colors | 16.77 million colors | |
| Viewing Angles (H, V) | 170°, 170° | 178°, 178° | 178°, 178° | 170°, 170° | 170°, 170° | 170°, 170° | 170°, 170° | |
| Brightness (typical) | 1,000 cd/m ² | 300 cd/m ² | 700 cd/m ² | 400 cd/m ² | 750 cd/m ² | 300 cd/m ² | 350 cd/m ² | |
| Recommended Brightness for Calibration | 400 cd/m ² | 170 cd/m ² | — | — | — | — | — | |
| Contrast Ratio (typical) | 1100:1 | 1000:1 | 1000:1 | 1000:1 | 1100:1 | 900:1 | 600:1 | |
| Response Time (typical) | 20 ms (On/Off) | 12 ms (On/Off), 8 ms (Midtone) | 9 ms (Midtone) | 25 ms (On/Off) | 25 ms (On/Off) | 25 ms (On/Off) | 25 ms (On/Off) | |
| Scanning Frequency (H, V) | 31 - 100 kHz, 29.5 - 61 Hz (VGA Text: 69 - 71 Hz) Frame synchronous mode: 59 - 61 Hz, 29.5 - 30.5 Hz | 31 - 89 kHz, 29.5 - 61 Hz (VGA Text: 69 - 71 Hz) | Analog: 15 - 100 kHz, 50 - 85 Hz | Analog: 31.47 - 79.98 kHz, 50 - 85 Hz | Analog: 31.47 - 79.98 kHz, 50 - 85 Hz | Analog: 31.47 - 79.98 kHz, 50 - 85 Hz | Analog: 31.47 - 79.98 kHz, 50 - 85 Hz | |
| Dot Clock | 269 MHz | 242 MHz | 165 MHz | 165 MHz | 165 MHz | 165 MHz | Digital: 78 MHz, Analog: 80 MHz | |
| Input Terminals | DVI-D (dual link) x 1, DisplayPort x 1 | DVI-D x 1, DisplayPort x 1 | BNC (HD-SDI) x 1, BNC (Composite) x 1, DVI-I x 1, HDMI x 1, D-Sub mini 15 pin (Separate Sync, Composite Sync, SoG*, YPbPr*, RGBS*, RGB/HV*) x 1, S-Video x 1 *Require use of D-Sub mini 15 pin to (up to 5) BNC Adapter Cable | BNC (HD-SDI) x 2, BNC (Composite, SoG) x 1, BNC (Component) x 1, DVI-I x 1, D-Sub mini 15 pin (Separate Sync, Composite Sync, SoG) x 1, S-Video x 1 | BNC (HD-SDI) x 2, BNC (Composite, SoG) x 1, BNC (Component) x 1, DVI-I x 1, D-Sub mini 15 pin (Separate Sync, Composite Sync, SoG) x 1, S-Video x 1 | BNC (HD-SDI) x 2, BNC (Composite, SoG) x 1, BNC (Component) x 1, DVI-I x 1, D-Sub mini 15 pin (Separate Sync, Composite Sync, SoG) x 1, S-Video x 1 | DVI-I x 1 (YPbPr, RGB), Composite x 1, S-Video x 1 | |
| Output Terminals (Loop Through) | — | — | BNC (HD-SDI, Composite) x 2, D-Sub mini 15 pin (VGA) x 1, S-Video x 1 | BNC (HD-SDI) x 1, BNC (Composite, SoG) x 1, BNC (Component) x 1 | BNC (HD-SDI) x 1, BNC (Composite, SoG) x 1, BNC (Component) x 1 | BNC (HD-SDI) x 1, BNC (Composite, SoG) x 1, BNC (Component) x 1 | — | |
| Sync Formats | — | — | — | — | — | — | — | |
| USB Ports / Standard | 1 upstream, 2 downstream / Rev. 2.0 | 1 upstream, 2 downstream / Rev. 2.0 | 1 upstream, 2 downstream / Rev. 2.0 | — | — | — | — | |
| Power Requirements | 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 | AC adapter: AC 100-120 V, 200-240 V: 50/60 Hz Monitor: DC 24 V, 6.25 A | AC adapter: AC 100-120 V, 200-240 V: 50/60 Hz Monitor: DC 24 V, 6.25 A | AC adapter: AC 100-120 V, 200-240 V: 50/60 Hz Monitor: DC 18 V, 5.6 A | AC adapter: AC 100-120 V, 200-240 V: 50/60 Hz Monitor: DC 12 V, 3.5 A | |
| Maximum Power Consumption / Save Mode | 200 W / Less than 1 W | 82 W / Less than 1 W | 270 W / Less than 14 W | 100 W / Less than 27 W | 100 W / Less than 27 W | 65 W / Less than 27 W | 42 W / Less than 5 W | |
| Power Management | DVI DMPM, DisplayPort 1.1a | DVI DMPM, DisplayPort 1.1a | Digital: DVI DMPM, Analog: VESA DPM | Digital: DVI DMPM, Analog: VESA DPM | Digital: DVI DMPM, Analog: VESA DPM | Digital: DVI DMPM, Analog: VESA DPM | Digital: DVI DMPM, Analog: VESA DPM | |
| Sensor | Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor | Backlight Sensor, Integrated Front Sensor | Backlight Sensor | — | — | — | — | |
| OSD Languages | English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese | English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese | English, German | English, German, French, Japanese, Chinese, Korean | English, German, French, Japanese, Chinese, Korean | English, German, French, Japanese, Chinese, Korean | English | |
| Net Weight | RX430: 19.2 kg, RX430-FC: 16 kg | With Stand 11.1 kg / Without Stand 8.4 kg | 40 kg | 7.47 kg | 6.66 kg | 6.6 kg | 3.5 kg | |
| Hole Spacing | VESA standard 200 x 100 mm and 100 x 100 mm | VESA standard 100 x 100 mm | VESA standard 400 x 200 mm | VESA standard 100 x 100 mm | VESA standard 100 x 100 mm | VESA standard 100 x 100 mm | VESA standard 75 x 75 mm | |
| Degree of Protection | RX430-FC: IPX2 for front | — | IP54 for front, IP20 | IP01 | IP01 | IP01 | IP02 | |
| Certifications and Standards* | CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R | CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R | CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, FCC-A, C-Tick, RoHS, China RoHS, WEEE, | CE (Medical Device Directive), EN 60601-1, UL60601-1, VCCI-B, FCC-B, RoHS, China RoHS, WEEE, CCC | CE (Medical Device Directive), EN 60601-1, UL60601-1, VCCI-B, FCC-B, RoHS, China RoHS, WEEE, CCC | CE (Medical Device Directive), EN 60601-1, UL60601-1, VCCI-B, FCC-B, RoHS, China RoHS, WEEE, CCC | CE (Medical Device Directive), EN 60601-1, UL60601-1, VCCI-B, FCC-B, RoHS, China RoHS, WEEE, CCC | CE (Medical Device Directive), EN 60601-1, UL60601-1, VCCI-B, FCC-B, RoHS, China RoHS, WEEE, CCC |
| FDA 510(k) Clearance | Pending (for General Radiography) | Pending (for General Radiography) | — | — | — | — | — | |
| Supplied Accessories | AC power cord, dual link signal cable (DVI-D~DVI-D), signal cable (DisplayPort~DisplayPort), USB cable, Utility Disk (RadiCS LE, Screen Manager Pro for Medical), ScreenCleaner (RX430-FC only), user's manual | AC power cord, signal cables (DVI-D~DVI-D, DisplayPort~DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, user's manual) | AC power cord, signal cable (DVI-D~DVI-D), remote control, Utility Disk (user's manual) | AC power cord, AC adapter, signal cable (DVI-D~DVI-D, D-Sub mini 15 pin~D-Sub mini 15 pin, S-Video~S-Video, BNC~BNC), 4 screws for mount option, user's manual | AC power cord, AC adapter, signal cable (DVI-D~DVI-D, D-Sub mini 15 pin~D-Sub mini 15 pin, S-Video~S-Video, BNC~BNC), 4 screws for mount option, user's manual | AC power cord, AC adapter, signal cable (DVI-D~DVI-D, D-Sub mini 15 pin~D-Sub mini 15 pin, S-Video~S-Video, BNC~BNC), 4 screws for mount option, user's manual | AC power cord, AC adapter, signal cable (DVI-D~DVI-D, DVI-I~D-Sub mini 15 pin, S-Video~S-Video, BNC~BNC), Adapter Cable (DVI-5 BNC, BNC~RCA), user's manual | |
| Warranty | Five Years | Five Years | Three Years | 18 Months | 18 Months | 18 Months | 18 Months | |
| Dimensions (Unit: mm) | 720, 643.3, 119, 76, 119, 25°, 408, 381, 256.5, 281.5, 165, 380.5 | 646, 599, 72.5, 39, 39, 90°, 338, 402, 350.5, 355, 209, 245.5, 390.5 | 1101, 1039.7, 67, 106, 646, 584.8, 389.9, 306.5, 111 | 597.3, 570, 100.5, 520.4, 89.2, 111 | 512, 484, 434, 53.2, 84.5, 389.9, 368, 8.6, 111 | 495.4, 467.4, 411.7, 42.7, 75, 306.9, 295.1, 111 | 398, 306.1, 63.4, 34.2, 280.1, 300, 111 | |
| Connectors | | | | | | | | |

*Please contact the EIZO subsidiary or distributor in your country for the latest information.



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