Operating Room Solutions

CuratOR®

PRODUCTS

EN

EXPERIENCE THE FUTURE OF
OPERATING ROOM TECHNOLOGY

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.

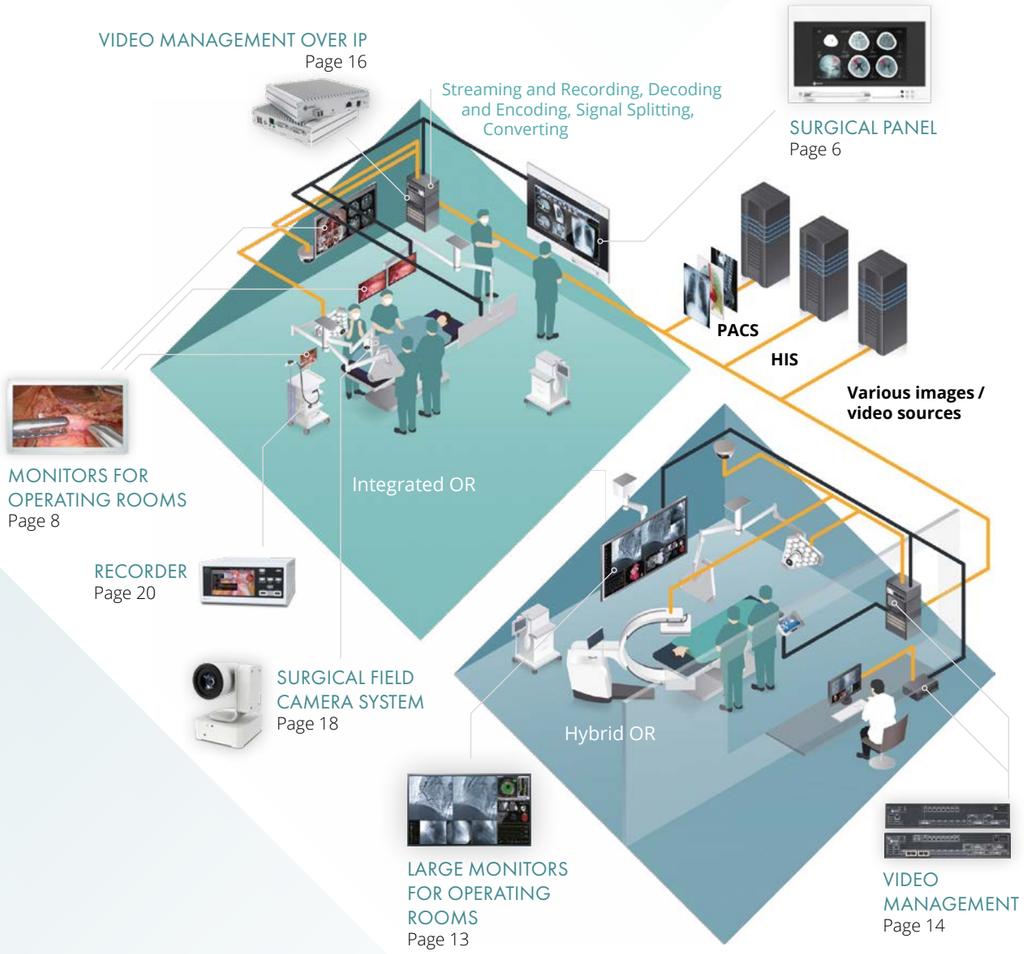
Making Each Life Visual.

FLEXIBLE. INTELLIGENT. EXPANDABLE.

OR SYSTEM SOLUTIONS FOR THE OPERATING ROOM

High-performance technology for image reproduction and video management in the OR meets expertise and experience. Designed for scalability and extensibility, EIZO develops visual solutions specifically for the requirements and workflow in the OR. EIZO CuratOR addresses the needs of surgeons, surgical teams and hospital technology. Specializing in the challenges of medical practice in the 21st century.

- Precise image representation for demanding requirements
- Modular system components for customized solutions
- Seamless integration in hospital IT and documentation systems
- Providing information and image data where needed



A MODULAR SYSTEM FOR EVERY APPLICATION SCENARIO

From a simple workstation to a complex multiroom installation: with its modular design, EIZO CuratOR supports a wide variety of requirements and is almost infinitely expandable.

The OR Workstation

Central unit for all image and video signals: the Surgical Panel with built-in EIZO monitor and powerful PC. Whether simple image display or central working and operating station – thanks to different expansion options, the Surgical Panel is the flexible basis of an EIZO CuratOR solution.

Effective Video Management

Image viewing at the press of a button: EIZO's video management solutions support the workflow in the OR. Adapted to the needs of OR staff, CuratOR video management allows you to manage various situations in the OR.

Interfaces to OR Documentation (HIS/RIS/PACS)

HIS, RIS and PACS systems can be incorporated via existing interfaces. Effortless integration into hospital IT, for example, reduces the amount of documentation required and supports education, validation and process analysis. Flexible, intuitive, personalized.

Video Management Over IP

With CuratOR Alipe, EIZO provides a powerful way for network-based transmission of video, audio, and control data. Uncompressed and in real time.

Multiroom Solutions

Whether for documentation or teaching purposes – EIZO CuratOR can be expanded as required and enables the networking and communication throughout different rooms, even over long distances.

Complete Solution for Visualization in the OR

With a camera for capturing the operation field, surgical monitor for displaying medical images and a recorder for archiving, EIZO offers hospitals a complete solution for visualization in the OR. This Imaging Chain provides high quality and reliable capture, display, and recording of surgical procedures.

SURGICAL PANEL

CENTRAL UNIT IN THE OPERATING ROOM

Viewing Station

Modern operating rooms are no longer conceivable without digital image viewing systems. Surgical Panel with integrated large screens provide the surgical team with excellent images even at a greater viewing distance.

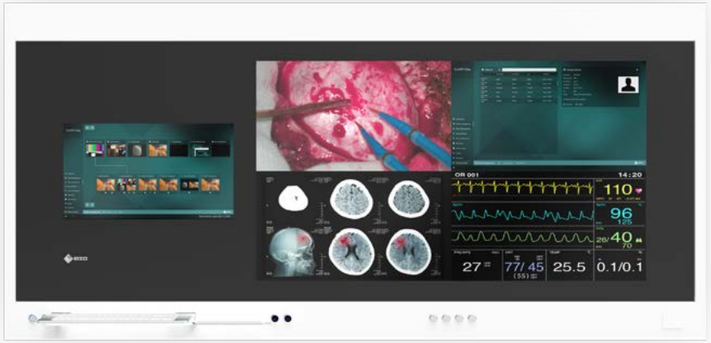
In addition to customer-specific configurations, EIZO offers a number of standard Surgical Panel optimized specifically for a range of applications and effective integration into the operating room workflow.

Nurse Station

These Surgical Panel are fitted with screen sizes that are ideal for work performed by OR nursing staff. The user-friendly configuration was designed with ergonomic head and body positions in mind and offers ideal viewing conditions when interacting with the local OR systems.

HIS Station

Surgical Panel with two integrated monitors serve as a space-saving combination of work and viewing stations. Different applications can thus be covered from a single device.



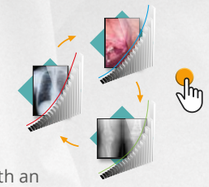
In the digital age, X-ray film and analog X-ray light boxes are a thing of the past. Today's digital systems are integrated into the hospital's IT infrastructure and support a wide range of workflows in the operating room.

Intuitive Touch Operation

Every CuratOR Surgical Panel can be equipped with a touchscreen to facilitate intuitive operation of software in the OR. They are easily operated while wearing gloves for use in sterile environments.

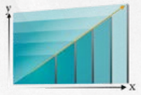
Customized Housing

The housing dimensions of the Surgical Panel can be individually adapted to the conditions in the operating room. In addition, the housing color can be selected from the RAL color palette depending on the color concept on site.



Optimized View Through Simple LUT Switching

All 4K Surgical Panel are equipped with an easy-access LUT switch as standard. One of the predefined lookup tables can be selected at the simple press of a button. This allows optimal display of various medical images and videos.



Wide Ranging Monitor Options

The Surgical Panel are available in a wide range of screen diagonals for flexibly meeting local application requirements. The option to combine a viewing unit with a 24" Full HD HIS workstation also offers a full viewing environment while saving on space.

Flexible Integrated Video Management VMbasic

A modular interior design enables customer-specific configuration. Every 4K Surgical Panel can be optionally equipped with the video management function VMbasic. Easily switch between video signals connected internally or optionally on the front at the simple press of a button. Two further buttons allow the selection of the preset layouts and the rotation of the video inputs by keeping the active layout.

Accessories and Connectivity

Surgical Panel have front USB ports as standard for connecting peripheral devices. There is also the option of integrating additional interfaces on the front frame. These can be individually connected to the inputs available in video management.

OR Integration and Cleanability

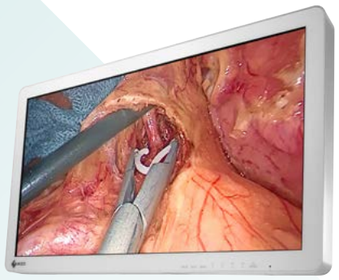
With its flat surface, the Surgical Panel can be completely sealed in the front and integrated in the OR wall, ensuring safety and simple cleaning and disinfection procedures. With intelligent heat distribution over the front surface, the units do not require specialized ventilation systems.

Easy Maintenance and Service

The hinged front allows easy access to the device without complicated disassembly or tools. With its unique locking system, no screws need to be taken out, making maintenance procedures on the installed components simple and efficient.

MONITORS FOR OPERATING ROOMS

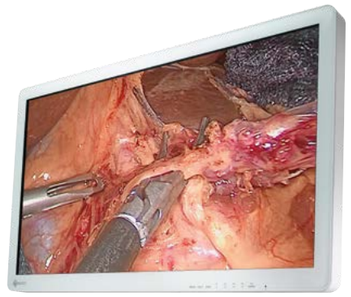
Faithful image reproduction at the highest accuracy allows for precise work in the OR. EIZO's endoscopy monitors assist surgeons perfectly in today's sophisticated minimally invasive and open surgical procedures. With the 3D technology, the surgeon can see organs and tissue structures in lifelike effect of depth.



EX2721

27" (68.6 cm) LCD Monitor

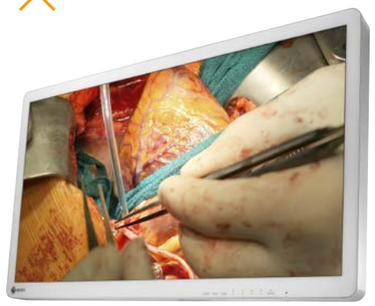
27" WIDE



EX3220

31.5" (80.1 cm) LCD Monitor

31.5" WIDE



EX3242

32" (81.3 cm) LCD Monitor

32" WIDE 4K

EX3220-3D

31.5" (80.1 cm) LCD Monitor

31.5" WIDE 3D

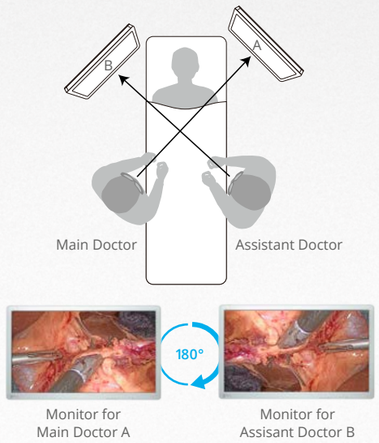
EX3242-3D

32" (81.3 cm) LCD Monitor

32" WIDE 4K 3D

Fully Flat Design for Safety and Hygiene

In consideration for safety, EIZO's surgical monitors adopt rounded corners. Furthermore the front is covered with a fully flat protective panel that protects against foreign material and splashes to a level of IP45 (whole monitor has IP32 rating). Additionally with the attached cable cover, cables can be stored neatly out of sight, increasing safety and hygiene in the operating room.

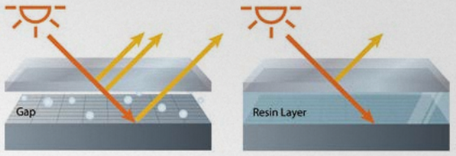


180° Rotation and Mirroring

Regardless of the orientation of the surgical camera, you can rotate the displayed image by 180° or mirror it to find the perfect operating view. This allows you to match the image with the line of sight of surrounding assistants and surgeons, improving convenience in the operating room.

3D Surgical Display with High Visibility

With high definition, brightness and contrast ratio, the EX3220-3D, and the EX3242-3D faithfully reproduce 3D surgical images for endoscopy and operation microscope feeds; creating a feeling of depth where stereoscopic imagery is required. They use a polarized system to display 3D images in all formats (Side-by-Side, Line-by-Line, Top & Bottom or SIMUL 3D) with excellent color characteristics and without flicker.



Without Optical Bonding

With Optical Bonding

Reduced Reflections and High Durability

The EX3220-3D, the EX3242-3D and the EX3242 are manufactured with optical bonding. With this technology the air pocket between the LCD panel and external glass is filled by optoelastic resin. This reduces the screen reflections, protects the LCD panel from impacts, dust and moisture, and prevents condensation.

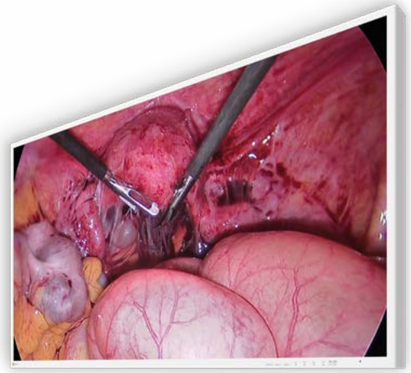
MONITORS FOR OPERATING ROOMS

Surgical teams in the operating room depend upon the most advanced technologies. Imaging applications have developed to an essential aid. Due to their ultra-high resolution and wide color gamut, EIZO's 4K UHD monitors provide brilliant pictures in completely for a highly detailed view.

EX4342

43" (109.2 cm) LCD Monitor

43" WIDE 4K



EX4342-3D

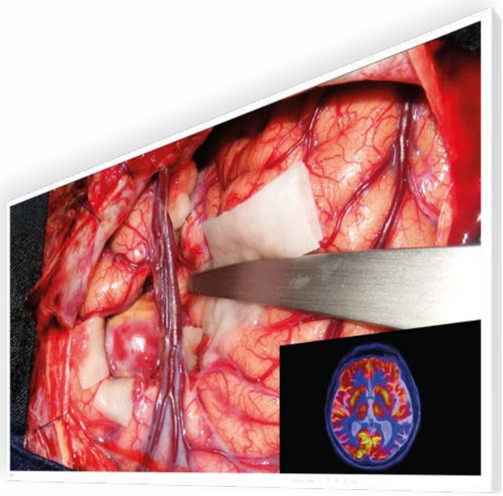
43" (109.2 cm) LCD-Monitor

43" WIDE 4K 3D

EX4942

49" (124.5 cm) LCD Monitor

49" WIDE 4K



EX5542

55" (139.7 cm) LCD Monitor

55" WIDE 4K

PinP

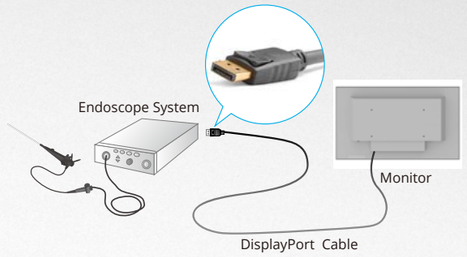
PbyP

View Two Signals on One Screen

Two different types of signal sources can be viewed simultaneously on one monitor side by side using the PbyP (Picture-by-Picture) or one displayed within an inset window over the other with the PinP (Picture-in-Picture) function. For example, this allows monitoring vitals or ultrasound endoscopes simultaneously in addition to surgical images.

Lightweight and VESA Mounting

In the OR, largescreen monitors are typically installed on a wall or attached to ceiling fixtures due to their size and weight. The weight of the EX4342 and EX4342-3D of less than 18 kg and compliance with the VESA standard allow it to be reliably attached to supporting medical carts, providing a wide range of flexible installation options to suit the target environment.

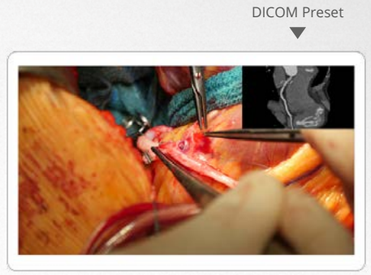


Streamlined Connectivity

Up to 4K UHD images are displayed at 60 frames per second using BNC (12G-SDI), DisplayPort™ or HDMI® signal, with one cable over various modalities. When connected via BNC (12G-SDI), stable transmission is achieved even over long distances of 30 meters.

Adjust Screens Independently from Each Other

When displaying two signal sources side by side on the same screen, each image's display mode (gamma 1.8 – 2.6 or DICOM® Preset Mode) can be adjusted without interfering with the other image. This is ideal for multi-modality use, where endoscope, CT and MRI images can be displayed precisely on the same monitor.



DICOM is the registered trademark of the National Electrical Manufacturers Association for its Standards publications relating to digital communications of medical information.

MONITORS FOR OPERATING ROOMS

Procedures in modern operating theaters and internal medicine examination rooms require high precision and efficiency. Therefore, it is crucial to create an optimal field of view with maximum visual comfort and ease of use for the medical team. EIZO's surgical monitors offer special safety concepts and the best possible comfort for long-term, stable and reliable use in the medical environment.

LX1910

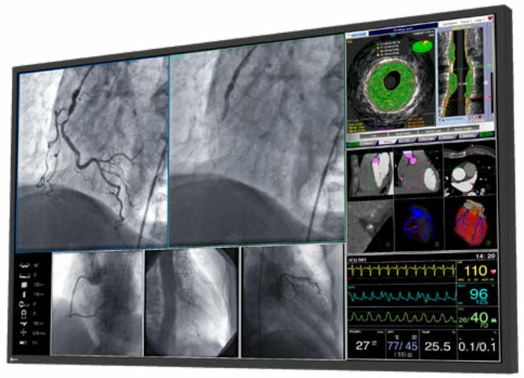
19" (48.3 cm)
LCD-Monitor

19"

LS1910

19" (48.3 cm)
LCD-Monitor

19"



LL550W

54.6" (139 cm) LCD-Monitor

54.6" WIDE 4K

LX3240-MR

31.5" (80 cm) LCD-Monitor

31.5" WIDE 4K

LX2420-T

23.8" (60.5 cm) LCD-Touch-Monitor

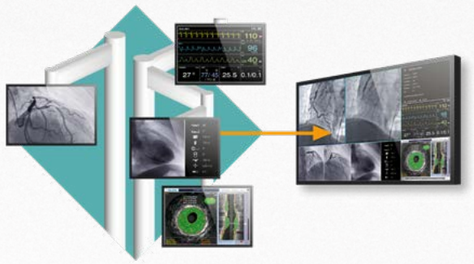
23.8" WIDE

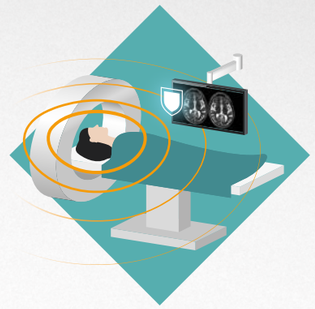
Consistent Brightness

The monitors have a fully automatic stability system that keeps the brightness consistent according to medical standards such as DICOM or Gamma 2.2. A built-in light sensor in the backlight ensures the monitor maintains its luminance over time.

Everything in a Single Glance

Compared to solutions with multiple monitors, there are no regional color differences or obtrusive bezels between individual image sections on large screen monitors with high resolution like the LL550W, so that users can conveniently display important information on a single screen.





MRI Compatibility

The LX3240-MR is built using special materials to minimize impact on magnetic fields and resonators. Furthermore the monitor is shielded against strong magnetic environments up to 100 mT, allowing it to be placed in proximity to an MRI scanner.

Intuitive Touchscreen Operation

The LX2420-T features projected capacitive touch technology which is more durable and reliable compared to other touch technologies. The touch screen can easily be operated while wearing gloves for use in sterile environments. It can detect up to 10 simultaneous touches across the entire screen.

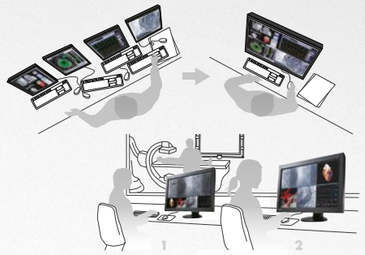
VIDEO MANAGEMENT
LARGE MONITOR MANAGER

The Large Monitor Managers gather various video inputs, combine and arrange them in accordance with user preferences, and display the resulting output flexibly on the connected monitors.

LMM0802-HDM
Large Monitor Manager
8 inputs, 3 x 4K monitors

All Gathered in One to Optimize Workflow

The Large Monitor Managers gather different signal sources and enable you to control them from one location. Users can easily arrange individual image placement and set each window size according to preference for a fully optimized workflow.



Centralized Working Place

Working with the LMM0802-HDM, 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. Alternatively, two independent work spaces can be supported when, for example, there is one person responsible for modality information and one person responsible for PACS.

Local and Remote Control

Layout configuration and layout selection can be performed with a locally attached keyboard and mouse, or via remote browser connected through the web interface. EIZO offers touch screens suitable for the medical environment like the CID1300P to allow users at the surgical table to quickly and conveniently select among the predefined layouts.

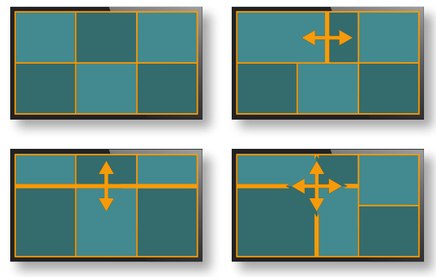
Expandable Video Inputs and Outputs

Increase the number of connectable video sources and monitors by using the LMM0802-HDM in combination with a matrix switcher*.

**tested and released by EIZO*

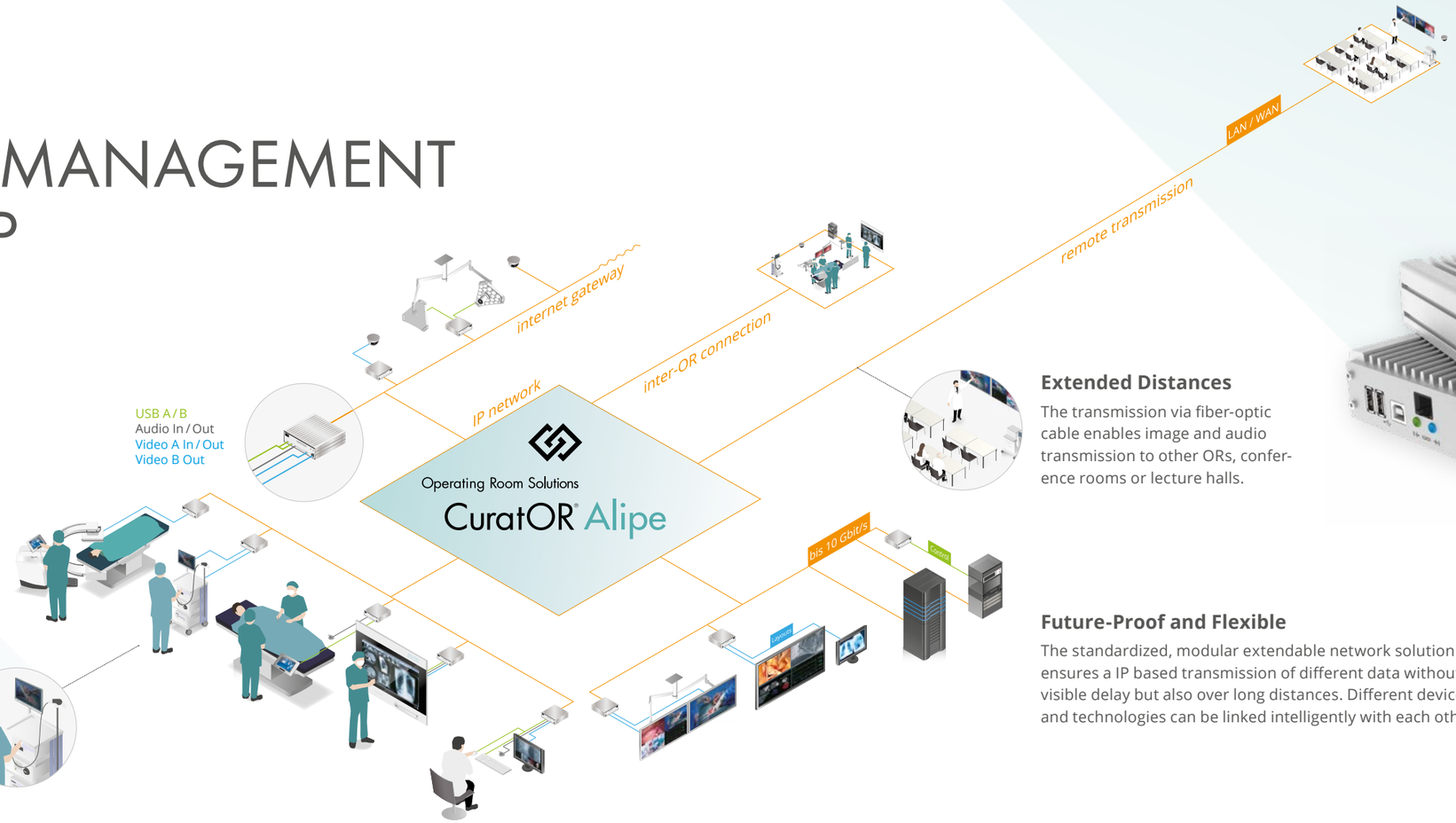
Dynamic Layout

With the LMM0802-HDM, the positions and sizes of the windows specified during system configuration can be enlarged or reduced easily by the operator. In addition, each window can be zoomed in and out.



Easy change of window sizes

VIDEO MANAGEMENT OVER IP



Mobile Systems

The standardized network interface simplifies the integration of mobile systems.

Extended Distances

The transmission via fiber-optic cable enables image and audio transmission to other ORs, conference rooms or lecture halls.

TIP0810

IP-Transceiver 4K/60Hz

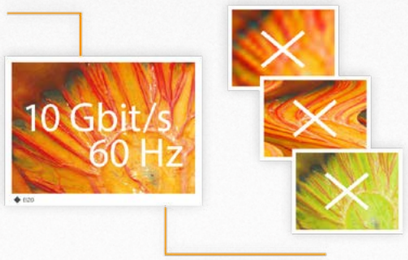
4K

Future-Proof and Flexible

The standardized, modular extendable network solution Alipe ensures a IP based transmission of different data without visible delay but also over long distances. Different devices and technologies can be linked intelligently with each other.

Loss-Free Data Transmission with Maximum Image Quality

The Alipe IP-Transceiver allow for a transmission speed of up to 10 Gbit/sec. as well as image transmission of up to 4K resolution and a frame rate of up to 60 Hz. The devices work without compression, ensuring optimum image quality.

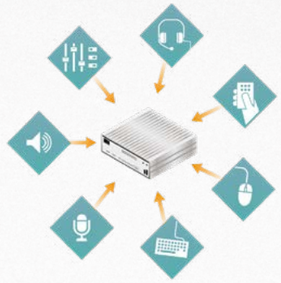


Zero Latency

Images are transmitted with minimal delay at a single frame rate, offering excellent hand-eye coordination for the attending physician. This provides doctors with visual information in real time in response to every action, for example during endoscopic interventions.

Remote Operation

IP-based data transmission enables the use of the same network cables for the transmission of all information, whether image, audio, video, or control of a keyboard and mouse. Thus for example, a computer in a remote computing center can be operating via the EIZO system directly from OR.



Integrated Video Management

Various video sources can be displayed simultaneously on a screen using a single cable. This enables multiple views such as Side-by-Side, Picture-in-Picture, and QuadView.

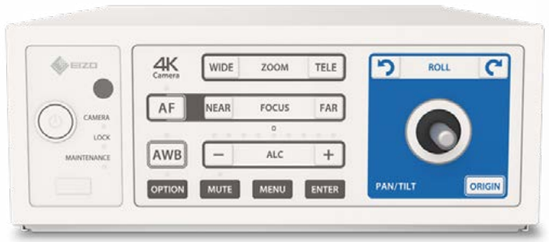
SURGICAL FIELD CAMERA SYSTEM

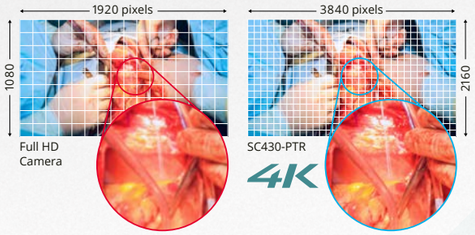
Capturing surgical proceedings in detail is vital for various purposes such as medical research or surgeon training. The CuratOR SC430-PTR clearly captures the surgical field in 4K UHD resolution and comes fully integrated with a triaxial camera mount for versatile positioning.

SC430-PTR

4K/60p Surgical Field Camera System

4K



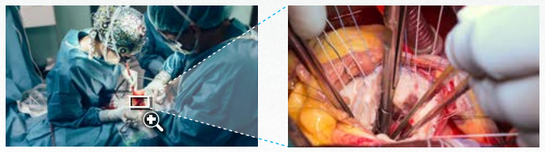


4K Ultra-High Definition Resolution

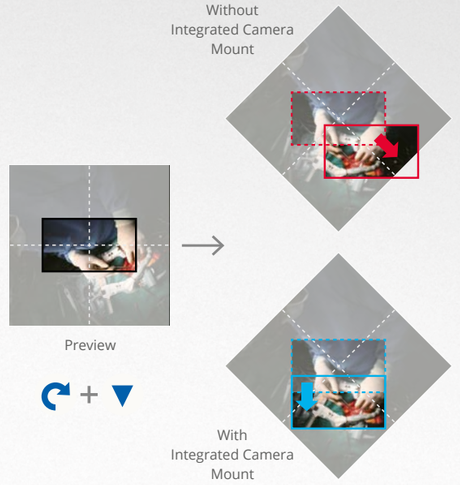
The surgical field camera captures images in 4K UHD resolution (3840 x 2160) with a progressive 60 Hz signal for smooth, high definition images of the surgical site.

Zoom into Narrow Target Areas in Detail

The camera lens has up to 30x optical zoom, allowing the camera to easily zoom into small, target areas. Even when positioned at a safe distance, the camera can clearly zoom into and capture narrow surgical sites in detail.



1 x Zoom 30 x Zoom



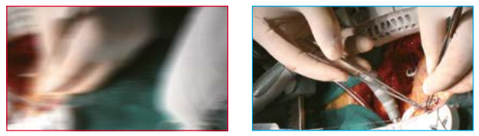
Intuitive Panning and Tilting Direction

The camera head is integrated with the camera mount, allowing left and right, and up and down movements to remain parallel to the field of view, even after rolling. When panning or tilting, the camera head moves in relation to the field of view, rather than the position of the camera head like unintegrated cameras. This ensures intuitive and effortless panning and tilting.

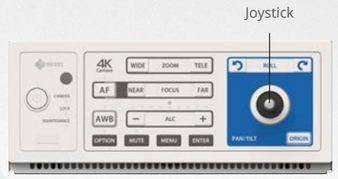
Smooth Positioning at High Zoom

Using unique, intelligent stepping technology, as the camera zooms in, the pan, tilt, and roll movements slow down to prevent the field of view from moving too quickly. With easily controllable movements, even under high zoom, preparation for surgery is made quicker and easier.

Movement



Without Stepping With Stepping



Camera Control Unit (CCU)

Remote Control

Convenient Camera Control from Anywhere

Camera movement, focus, and white balance can be adjusted using the front panel of the Camera Control Unit (CCU), or the supplied wireless remote control. Additionally, the CCU panel comes with a joystick for intuitive control. The camera can also be controlled from OR software, such as CuratOR Caliop.

Fully Integrated Camera Mount

The camera head comes fully integrated on a camera mount with +/-170 degrees pan, +90 to -30 degrees tilt, and +/-165 degrees roll to ensure that the field of view can be adjusted to the ideal location with ease.

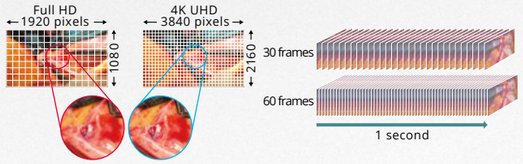
Pan Tilt Roll

MEDICAL IMAGING RECORDER

The MIR-1 records medical imaging from endoscopy, operating microscopes, or surgical field cameras in high-quality 4K/60p. It can be used to facilitate medical education, training, and research with video recordings of surgical procedures.

MIR-1 4K

4K/60p Recorder for Archiving Surgical Video and Images



High-Quality Recording of 4K Surgical Video

The MIR-1 can natively record video at 4K UHD (3840 x 2160 pixels), as well as scale down to Full HD (1920 x 1080 pixels) resolution. It records at 60 frames per second for high-quality, smooth images. It can also capture and store still images in addition to video.

Full HD and 4K signal sources cannot be recorded simultaneously.

Connectivity with a Wide Range of Modalities

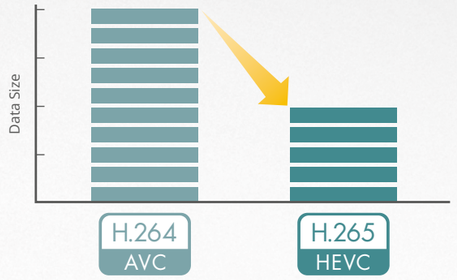
The BNC (12G-SDI) and HDMI video input connectors support up to 4K UHD (3840 x 2160 pixels) resolution for highly detailed video from endoscopes, operating microscopes, and surgical field cameras.

Endoscope | Operating Microscope | Surgical Field Camera

High-Speed, Robust Internal Memory

The MIR-1 is equipped with a high-speed SSD (solid state drive) that is highly robust and resistant to vibration and shock. With a large capacity of 2 terabytes, up to 175 hours of 4K video or 885 hours of Full HD video can be stored in its internal memory.

Recording time varies depending on recording conditions.



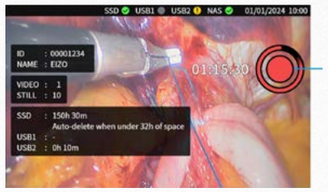
H.264 and H.265 Video Compression

The MIR-1 supports the H.264 (AVC) and H.265 (HEVC) compression standards. H.264 offers a wide range of compatibility with devices and browsers, and H.265 is a newer standard that offers higher compression rates without sacrificing image quality. Operators can select the compression standard based on the playback or streaming needs of the recorded surgical video.

MIR Browser Software Solution

The CuratOR MIR Browser is a software solution designed for viewing, editing, and managing medical videos recorded on NAS or external media, accessible on physician PCs. It reads patient information input at the time of recording, making it an invaluable tool for streamlined medical video management. Additionally, recorded videos can be conveniently reviewed or edited for patient explanations, medical research, or training new physicians.

Patient Explanation | Medical Research | Training Physicians



Recording Indicator

Easily Confirm Recording Status

A recording indicator on the front panel allows the operator to confirm at a glance that the surgical procedure is being recorded. In addition, when used with EIZO's CuratOR EX-series of surgical monitors, the MIR-1's recording status can be displayed on the monitor, allowing the surgeon to check it without looking away from the monitor.

SIGNAL ROUTING DEVICES

EIZO also offers flexible and easy-to-install signal routing solutions for use with its monitors and Large Monitor Managers.

PDC0100

Analog-DVI Converter

Analog-Digital Converter

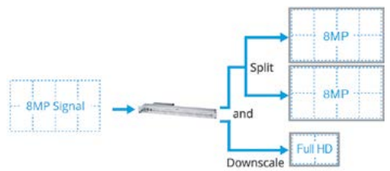
PDC0100 converts analog video signals to digital DVI format. The integrated Force Mode function supports unique analog input signals. With a range of accessories and high interconnectivity, the converter allows maximum flexibility for integration into existing systems.

PDS0800-HD

DVI Splitter / Scaler

Signal Splitter

By utilizing PDS0800-HD, signals coming from LMM56800 or LMM0802-HDM are repeated and doubled to connect two 8 megapixel monitors. The additional downscale output generates a Full HD representation of the content displayed on the large screen.



TDL3600 / TDL2300

DVI Transmission Link

Signal Transmission for a Long Distance

TDL enables transmission of high-quality video data of distances up to 36 meters with no loss in quality. Ethernet cable transmission allows robust handling and simple setup which easily runs through small conduits and holes.

ACCESSORIES

CONNECTION PARTS

Signal Cables and Adapters
EIZO offers a variety of cables and adapters suitable for the signal inputs of the monitors.

Power Cords
Country-specific power cords are available to match local requirements.

SCC500
Short camera cable (5 m) for SC430-PTR.

SCC3500
Camera cable (35 m) for SC430-PTR.

SCA02
Camera cable extension adapter for SC430-PTR.

TDL Components
Different TDL transmitters and receivers, as well as TDL cables of different lengths, are offered in predefined link sets or may be ordered individually in accordance with specific application needs.

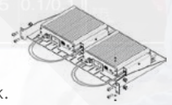
ALIPE ACCESSORIES

Network Components
For the compilation of a complete IP transmission solution, network switches and connection components are available.

WALL MOUNTS AND STANDS

Wall Mount
FWM6300
Compatible with monitors from 43" to 55".

Mounts for Alipe
Various brackets allow easy and secure mounting of IP-transceivers on the image source, on the monitor or in a rack.



VESA Adapter 400x200
For mounting to VESA 100x100 or 200x200 for EX4342 and EX4342-3D

PROTECTION SCREEN

FPP5510
Compatible with LL550W.

GLASSES

H3G01
3D glasses for EX3220-3D, EX3242-3D and EX4342-3D.

FOOT SWITCH

FS500
Compatible with MIR-1 (cable 5 m).

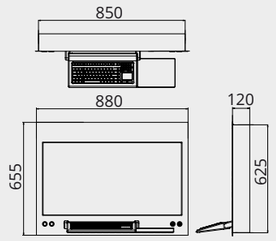
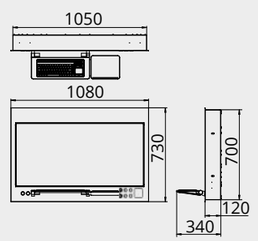
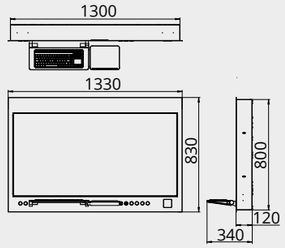
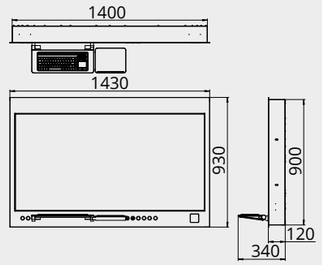
SURGICAL PANEL

CuratOR® Surgical Panel
SP1-24

CuratOR® Surgical Panel 4K
SP1-324K

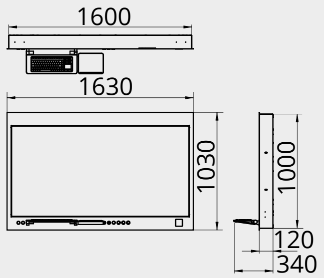
CuratOR® Surgical Panel 4K
SP1-434K

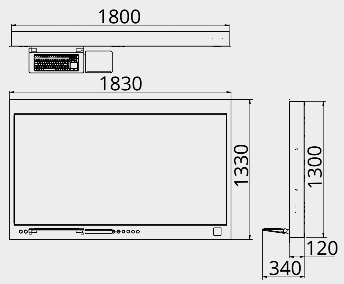
CuratOR® Surgical Panel 4K
SP1-494K

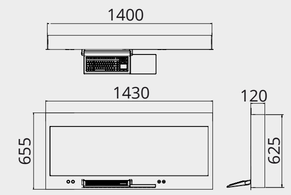
Model Variations		SP1-24: without touchscreen SP1-24T: with touchscreen	SP1-324K: without touchscreen SP1-324KT: with touchscreen	SP1-434K: without touchscreen SP1-434KT: with touchscreen	SP1-494K: without touchscreen SP1-434KT: with touchscreen
Housing	Material	Powder-coated sheet steel	Powder-coated sheet steel	Powder-coated sheet steel	Powder-coated sheet steel
	Front	Combination of power coated stainless steel and anti-reflective safety glass (ESG)	Combination of power coated stainless steel and anti-reflective safety glass (ESG)	Combination of power coated stainless steel and anti-reflective safety glass (ESG)	Combination of power coated stainless steel and anti-reflective safety glass (ESG)
	Color	Available in every RAL color	Available in every RAL color	Available in every RAL color	Available in every RAL color
	Mounting Options	Flush mounting (optional: surface mounting)	Flush mounting (optional: surface mounting)	Flush mounting (optional: surface mounting)	Flush mounting (optional: surface mounting)
Panel 1	Size	24"	32"	43"	49"
	Diagonal	60.5 cm (16:9 aspect ratio)	80.0 cm (16:9 aspect ratio)	108.0 cm (16:9 aspect ratio)	123.2 cm (16:9 aspect ratio)
	Panel Type	Color TFT LCD Panel	Color TFT LCD Panel with DICOM® Preset	Color TFT LCD Panel with DICOM® Preset	Color TFT LCD Panel (IPS) with DICOM® Preset
	Native Resolution	1920 × 1080 (Full HD)	3840 × 2160 (UHD)	3840 × 2160 (UHD)	3840 × 2160 (UHD)
	Display Colors	16.7 million colors	1.07 billion colors	1.07 billion colors	1.07 billion colors
	Pixel Pitch	0.275 mm x 0.275 mm	0.182 mm x 0.182 mm	0.245 mm x 0.245 mm	0.280 mm x 0.280 mm
	Brightness (typical)	350 cd/m²	450 cd/m²	700 cd/m²	700 cd/m²
	Contrast Ratio (typical)	1000:1	1300:1	1000:1	1100:1
	Viewing Angles (H/V, maximum)	178°, 178°	178°, 178°	178°, 178°	178°, 178°
	Response Time (typical)	14 ms (Gray-to-Gray)	14 ms (Gray-to-Gray)	9 ms (Gray-to-Gray)	8,0 ms (Gray-to-Gray)
	Backlight	LED	LED	LED	LED
Touchscreen		Projected capacitive, multi-touch (SP1-24T only)	Projected capacitive, multi-touch (SP1-324KT only)	Projected capacitive, multi-touch (SP1-434KT only)	Projected capacitive, multi-touch (SP1-494KT only)
IT Components (expandable within the scope of the PC specifications)		Intel® Core™ i5 processor – 3.0 GHz, Intel chipset, 18 MB cache, 8 GB DDR3 RAM, SATA SSD, LAN RJ 45 – 10/100/1000 Base TX x 2	Intel Core i5 processor – 3.0 GHz, Intel chipset, 18 MB cache, 8 GB DDR3 RAM, SATA SSD, LAN RJ 45 – 10/100/1000 Base TX x 2	Intel Core i5 processor – 3.0 GHz, Intel chipset, 18 MB cache, 8 GB DDR3 RAM, SATA SSD, LAN RJ 45 – 10/100/1000 Base TX x 2	Intel Core i5 processor – 3.0 GHz, Intel chipset, 18 MB cache, 8 GB DDR3 RAM, SATA SSD, LAN RJ 45 – 10/100/1000 Base TX x 2
Operating System		MS Windows 10 Pro; MS Windows 11 Pro	MS Windows 10 Pro; MS Windows 11 Pro	MS Windows 10 Pro; MS Windows 11 Pro	MS Windows 10 Pro; MS Windows 11 Pro
Keyboard/Mouse		Anti-microbial medical silicone keyboard with integrated mouse storage (foldable), silicone mouse (visual 5 keys, laser mouse /IP65, occupies 1x USB)	Anti-microbial medical silicone keyboard with integrated mouse storage (foldable), silicone mouse (visual 5 keys, laser mouse /IP65, occupies 1x USB)	Anti-microbial medical silicone keyboard with integrated mouse storage (foldable), silicone mouse (visual 5 keys, laser mouse /IP65, occupies 1x USB)	Anti-microbial medical silicone keyboard with integrated mouse storage (foldable), silicone mouse (visual 5 keys, laser mouse /IP65, occupies 1x USB)
Inputs (front side)	USB	USB Type-A: 2.0, 3.0	USB Type-A: 2.0, 3.0	USB Type-A: 2.0, 3.0	USB Type-A: 2.0, 3.0
	Signal Inputs (optional, with VMbasic only)	–	DisplayPort™, DVI-I Single Link, HDMI® (4K@30Hz), HDMI® (4K@60Hz) x 2	DisplayPort™, DVI-I Single Link, HDMI® (4K@30Hz), HDMI® (4K@60Hz) x 2	DisplayPort™, DVI-I Single Link, HDMI® (4K@30Hz), HDMI® (4K@60Hz) x 2
Push Buttons (front side)	Standard	Main switch, system switch	Main switch, system switch, LookUp table switch (DICOM normal, DICOM bright, Gamma 1.8, 2.0, 2.2, 2.4)	Main switch, system switch, LookUp table switch (DICOM normal, DICOM bright, Gamma 1.8, 2.0, 2.2, 2.4)	Main switch, system switch, LookUp table switch (DICOM normal, DICOM bright, Gamma 1.8, 2.0, 2.2, 2.4)
	VMbasic (optional)	–	Signal input switch (DisplayPort, DVI-I Single Link, HDMI (4K@30Hz), HDMI (4K@60Hz x 2), layout switch (PiP, PaP, LR, TB, Quadsplit, Single), rotate singal inputs with active layout	Signal input switch (DisplayPort, DVI-I Single Link, HDMI (4K@30Hz), HDMI (4K@60Hz x 2), layout switch (PiP, PaP, LR, TB, Quadsplit, Single), rotate signal inputs by keeping the active layout	Signal input switch (DisplayPort, DVI-I Single Link, HDMI (4K@30Hz), HDMI (4K@60Hz x 2), layout switch (PiP, PaP, LR, TB, Quadsplit, Single), rotate signal inputs by keeping the active layout
Maximum Power Consumption		157.7 W	190.0 W	220.0 W	265.0 W
Power Requirements		100–240 V/50–60 Hz/4–2 A	100–240 V/50–60 Hz/4–2 A	100–240 V/50–60 Hz/4–2 A	100–240 V/50–60 Hz/4–2 A
Thermal Load		567.7 kJ/h	684.0 kJ/h	792.0 kJ/h	954.0 kJ/h
Net Weight		appr. 45 kg	50 kg	70 kg	80 kg
Certifications and Standards (Please contact EIZO for the latest information)		CE/UKCA, IEC/EN 62368-1, IEC/EN 60601-1; IEC/EN 60601-1-2, RoHS, WEEE	CE/UKCA, IEC/EN 62368-1, IEC/EN 60601-1; IEC/EN 60601-1-2, RoHS, WEEE	CE/UKCA, IEC/EN 62368-1, IEC/EN 60601-1; IEC/EN 60601-1-2, RoHS, WEEE	CE/UKCA, IEC/EN 62368-1, IEC/EN 60601-1; IEC/EN 60601-1-2, RoHS, WEEE
Dimensions (mm)	Device (WxHxD)	850 x 625 x 120	1050 x 700 x 120	1300 x 800 x 120	1400 x 900 x 120
	Niche (WxHxD)	860 x 635 x 140	1060 x 710 x 140	1310 x 810 x 140	1410 x 910 x 140
	Masking Frame (WxH)	880 x 655	1080 x 730	1330 x 830	1430 x 930
					

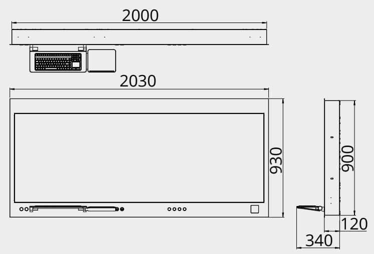
SURGICAL PANEL

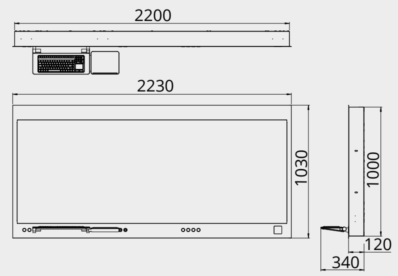
		 CuratOR® Surgical Panel 4K SP1-554K	 CuratOR® Surgical Panel 4K SP1-654K	 CuratOR® Surgical Panel SP2-24-24	 CuratOR® Surgical Panel 4K SP2-24-494K	 CuratOR® Surgical Panel 4K SP2-24-554K
Model Variations		SP1-554K: without touchscreen SP1-554KT: with touchscreen	SP1-654K: without touchscreen SP1-654KT: with touchscreen	SP2-24-24: without touchscreen SP2-24T-24: with touchscreen (24" left) SP2-24-24T: with touchscreen (24" right) SP2-24T-24T: with touchscreen (both 24")	SP2-24-494K: without touchscreen SP2-24T-494K: with touchscreen (24") SP2-24-494KT: with touchscreen (49") SP2-24T-494KT: with touchscreen (24", 49")	SP2-24-554K: without touchscreen SP2-24T-554K: with touchscreen (24") SP2-24-554KT: with touchscreen (55") SP2-24T-554KT: with touchscreen (24", 55")
Housing	Material	Powder-coated sheet steel	Powder-coated sheet steel	Powder-coated sheet steel	Powder-coated sheet steel	Powder-coated sheet steel
	Front	Combination of power coated stainless steel and anti-reflective safety glass (ESG)	Combination of power coated stainless steel and anti-reflective safety glass (ESG)	Combination of power coated stainless steel and anti-reflective safety glass (ESG)	Combination of power coated stainless steel and anti-reflective safety glass (ESG)	Combination of power coated stainless steel and anti-reflective safety glass (ESG)
	Color	Available in every RAL color	Available in every RAL color	Available in every RAL color	Available in every RAL color	Available in every RAL color
	Mounting Options	Flush mounting (optional: surface mounting)	Flush mounting (optional: surface mounting)	Flush mounting (optional: surface mounting)	Flush mounting (optional: surface mounting)	Flush mounting (optional: surface mounting)
Panel 1	Size	55"	65"	24"	24"	24"
	Diagonal	138.8 cm (16:9 aspect ratio)	163.9 cm (16:9 aspect ratio)	60.5 cm (16:9 aspect ratio)	60.5 cm (16:9 aspect ratio)	60.5 cm (16:9 aspect ratio)
	Panel Type	Color TFT LCD Panel with DICOM® Preset	Color TFT LCD Panel with DICOM® Preset	Color TFT LCD Panel	Color TFT LCD Panel	Color TFT LCD Panel
	Native Resolution	3840 × 2160 (UHD)	3840 × 2160 (UHD)	1920 × 1080 (Full HD)	1920 × 1080 (Full HD)	1920 × 1080 (Full HD)
	Display Colors	1.07 billion colors	1.07 billion colors	16.7 million colors	16.7 million colors	16.7 million colors
	Pixel Pitch	0.315 mm x 0.315 mm	0.372 mm x 0.372 mm	0.275 mm x 0.275 mm	0.275 mm x 0.275 mm	0.275 mm x 0.275 mm
	Brightness (typical)	700 cd/m²	500 cd/m²	350 cd/m²	350 cd/m²	350 cd/m²
	Contrast Ratio (typical)	1100:1	1100:1	1000:1	1000:1	1000:1
	Viewing Angles (H/V, maximum)	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°
	Response Time (typical)	8.0 ms (Gray-to-Gray)	8.0 ms (Gray-to-Gray)	14 ms (Gray-to-Gray)	14 ms (Gray-to-Gray)	14 ms (Gray-to-Gray)
	Backlight	LED	LED	LED	LED	LED
Panel 2	Size	–	–	24"	49"	55"
	Diagonal	–	–	60.5 cm (16:9 aspect ratio)	123.2 cm (16:9 aspect ratio)	138.8 cm (16:9 aspect ratio)
	Panel Type	–	–	Color TFT LCD Panel	Color TFT LCD Panel (IPS) with DICOM® Preset	Color TFT LCD Panel with DICOM® Preset
	Native Resolution	–	–	1920 × 1080 (Full HD)	3840 × 2160 (UHD)	3840 × 2160 (UHD)
	Display Colors	–	–	16.7 million colors	1.07 billion colors	1.07 billion colors
	Pixel Pitch	–	–	0.275 mm x 0.275 mm	0.280 mm x 0.280 mm	0.315 mm x 0.315 mm
	Brightness (typical)	–	–	350 cd/m²	700 cd/m²	700 cd/m²
	Contrast Ratio (typical)	–	–	1000:1	1100:1	1100:1
	Viewing Angles (H/V, maximum)	–	–	178°, 178°	178°, 178°	178°, 178°
	Response Time (typical)	–	–	14 ms (Grey to Grey)	8.0 ms (Gray-to-Gray)	8.0 ms (Gray-to-Gray)
	Backlight	–	–	LED	LED	LED
Touchscreen		Projected capacitive, multi-touch (SP1-554KT only)	Projected capacitive, multi-touch (SP1-654KT only)	Projected capacitive, multi-touch (SP2-24-24T, SP2-24T-24, SP2-24T-24T only)	Projected capacitive, multi-touch (SP2-24T-494K, SP2-24-494KT, SP2-24T-494KT only)	Projected capacitive, multi-touch (SP2-24T-554K, SP2-24-554KT, SP2-24T-554KT only)
IT Components (expandable within the scope of the PC specifications)		Intel® Core™ i5 processor – 3.0 GHz, Intel chipset, 18 MB cache, 8 GB DDR3 RAM, SATA SSD, LAN RJ 45 – 10/100/1000 Base TX x 2	Intel Core i5 processor – 3.0 GHz, Intel chipset, 18 MB cache, 8 GB DDR3 RAM, SATA SSD, LAN RJ 45 – 10/100/1000 Base TX x 2	Intel Core i5 processor – 3.0 GHz, Intel chipset, 18 MB cache, 8 GB DDR3 RAM, SATA SSD, LAN RJ 45 – 10/100/1000 Base TX x 2	Intel Core i5 processor – 3.0 GHz, Intel chipset, 18 MB cache, 8 GB DDR3 RAM, SATA SSD, LAN RJ 45 – 10/100/1000 Base TX x 2	Intel Core i5 processor – 3.0 GHz, Intel chipset, 18 MB cache, 8 GB DDR3 RAM, SATA SSD, LAN RJ 45 – 10/100/1000 Base TX x 2
Operating System		MS Windows 10 Pro; MS Windows 11 Pro	MS Windows 10 Pro; MS Windows 11 Pro	MS Windows 10 Pro; MS Windows 11 Pro	MS Windows 10 Pro; MS Windows 11 Pro	MS Windows 10 Pro; MS Windows 11 Pro
Keyboard/Mouse		Anti-microbial medical silicone keyboard with integrated mouse storage (foldable), silicone mouse (visual 5 keys, laser mouse /IP65, occupies 1x USB)	Anti-microbial medical silicone keyboard with integrated mouse storage (foldable), silicone mouse (visual 5 keys, laser mouse /IP65, occupies 1x USB)	Anti-microbial medical silicone keyboard with integrated mouse storage (foldable), silicone mouse (visual 5 keys, laser mouse /IP65, occupies 1x USB)	Anti-microbial medical silicone keyboard with integrated mouse storage (foldable), silicone mouse (visual 5 keys, laser mouse /IP65, occupies 1x USB)	Anti-microbial medical silicone keyboard with integrated mouse storage (foldable), silicone mouse (visual 5 keys, laser mouse /IP65, occupies 1x USB)
Inputs (front side)	USB	USB Type-A: 2.0, 3.0	USB Type-A: 2.0, 3.0	USB Type-A: 2.0, 3.0	USB Type-A: 2.0, 3.0	USB Type-A: 2.0, 3.0
	Signal Inputs (optional, with VMbasic only)	DisplayPort™, DVI-I Single Link, HDMI® (4K@30Hz), HDMI® (4K@60Hz) x 2	DisplayPort™, DVI-I Single Link, HDMI® (4K@30Hz), HDMI® (4K@60Hz) x 2	-	DisplayPort™, DVI-I Single Link, HDMI® (4K@30Hz), HDMI® (4K@60Hz) x 2	DisplayPort™, DVI-I Single Link, HDMI® (4K@30Hz), HDMI® (4K@60Hz) x 2
Push Buttons (front side)	Standard	Main switch, system switch, LookUp table switch (DICOM normal, DICOM bright, Gamma 1.8, 2.0, 2.2, 2.4),	Main switch, system switch, LookUp table switch (DICOM normal, DICOM bright, Gamma 1.8, 2.0, 2.2, 2.4),	Main switch, system switch	Main switch, system switch, LookUp table switch (DICOM normal, DICOM bright, Gamma 1.8, 2.0, 2.2, 2.4),	Main switch, system switch, LookUp table switch (DICOM normal, DICOM bright, Gamma 1.8, 2.0, 2.2, 2.4),
	VMbasic (optional)	Signal input switch (DisplayPort, DVI-I Single Link, HDMI (4K@30Hz), HDMI (4K@60Hz x 2), layout switch (PiP, PaP, LR, TB, Quadsplit, Single), rotate signal inputs by keeping the active layout	Signal input switch (DisplayPort, DVI-I Single Link, HDMI (4K@30Hz), HDMI (4K@60Hz x 2), layout switch (PiP, PaP, LR, TB, Quadsplit, Single), rotate signal inputs by keeping the active layout	-	Signal input switch (DisplayPort, DVI-I Single Link, HDMI (4K@30Hz), HDMI (4K@60Hz x 2), layout switch (PiP, PaP, LR, TB, Quadsplit, Single), rotate signal inputs by keeping the active layout	Signal input switch (DisplayPort, DVI-I Single Link, HDMI (4K@30Hz), HDMI (4K@60Hz x 2), layout switch (PiP, PaP, LR, TB, Quadsplit, Single), rotate signal inputs by keeping the active layout
Maximum Power Consumption		275.0 W	287.0 W	220.0 W	290.0 W	300.0 W
Power Requirements		100–240 V/50–60 Hz/4–2 A	100–240 V/50–60 Hz/4–2 A	100–240 V/50–60 Hz/4–2 A	100 – 240 V / 50 – 60 Hz / 4 – 2 A	100–240 V/50–60 Hz/4–2 A
Thermal Load		990.0 kJ/h	1033.2 kJ/h	792.0 kJ/h	1044.0 kJ/h	1080.0 kJ/h
Net Weight		85 kg	90 kg	100 kg	105 kg	110 kg
Certifications and Standards (Please contact EIZO for the latest information.)		CE/UKCA, IEC/EN 62368-1, IEC/EN 60601-1; IEC/EN 60601-1-2, RoHS, WEEE	CE/UKCA, IEC/EN 62368-1, IEC/EN 60601-1; IEC/EN 60601-1-2, RoHS, WEEE	CE/UKCA, IEC/EN 62368-1, IEC/EN 60601-1; IEC/EN 60601-1-2, RoHS, WEEE	CE/UKCA, IEC/EN 62368-1, IEC/EN 60601-1; IEC/EN 60601-1-2, RoHS, WEEE	CE/UKCA, IEC/EN 62368-1, IEC/EN 60601-1; IEC/EN 60601-1-2, RoHS, WEEE
Dimensions (mm)	Device (WxHxD)	1600 x 1000 x 120	1800 x 1300 x 120	1400 x 625 x 120	2000 x 900 x 120	2200 x 1000 x 120
	Niche (WxHxD)	1610 x 1010 x 140	1810 x 1310 x 140	1410 x 635 x 140	2010 x 910 x 140	2210 x 1010 x 140
	Masking Frame (WxH)	1630 x 1030	1830 x 1330	1430 x 655	2030 x 930	2230 x 1030











SPECIFICATIONS

MONITORS

CuratOR® EX2721 27" WIDE

CuratOR® EX3220 31.5" WIDE

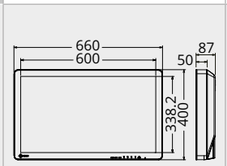
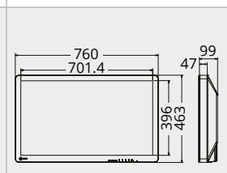
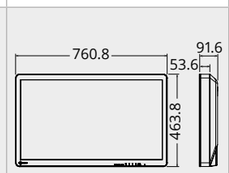
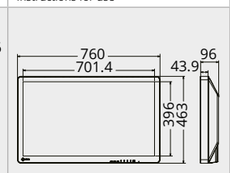
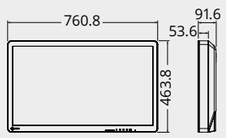
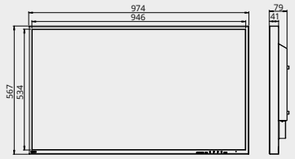
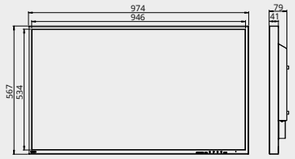
CuratOR® EX3242 32" WIDE 4K

CuratOR® 3D EX3220-3D 31.5" WIDE

CuratOR® EX3242-3D 32" WIDE 4K 3D

CuratOR® EX4342 43" WIDE 4K

CuratOR® EX4342-3D 43" WIDE 4K 3D

Model Variations		EX2721-WT: without stand	EX3220-WT: without stand	EX3242-WT: without stand	EX3220-3D-WT: without stand	EX3242-3D-WT: without stand	EX4342: without stand	EX4342-3D: without stand
Cabinet Color		White	White	White	Black (front), white (rear)	Black (front), white (rear)	White	White
Panel	Type	Color (IPS)	Color (IPS)	Color (IPS)	Color (IPS)	Color (IPS)	Color (IPS)	Color (IPS)
	Backlight	LED	LED	LED	LED	LED	LED	LED
	Size	27.0" (68.6 cm)	31.5" (80.1 cm)	32" (81.3 cm)	31.5" (80.1 cm)	32" (81.3 cm)	43" (109.2 cm)	43" (109.2 cm)
	Native Resolution	1920 x 1080 (16:9 aspect ratio)	1920 x 1080 (16:9 aspect ratio)	3840 x 2160 (16:9 aspect ratio)	1920 x 1080 (16:9 aspect ratio)	3840 x 2160 (16:9 aspect ratio)	3840 x 2160 (16:9 aspect ratio)	3840 x 2160 (16:9 aspect ratio)
	Viewable Image Size (H x V)	598 x 336 mm	698 x 393 mm	708 x 399 mm	698 x 393 mm	708 x 399 mm	941.2 x 529.4 mm	941.2 x 529.4 mm
	Pixel Pitch	0.311 x 0.311 mm	0.364 x 0.364 mm	0.185 x 0.185 mm	0.364 x 0.364 mm	0.185 x 0.185 mm	0.2451 x 0.2451 mm	0.2451 x 0.2451 mm
	Display Colors	10-bit colors (SDI): 1.07 billion colors (maximum), 8-bit colors: 16.77 million colors	10-bit colors (SDI): 1.07 billion colors (maximum), 8-bit colors: 16.77 million colors	10-bit colors (SDI/DisplayPort/HDMI): 1.07 billion colors (maximum), 8-bit colors: 16.77 million colors	10-bit colors (SDI): 1.07 billion colors (maximum), 8-bit colors: 16.77 million colors	10-bit colors (SDI/DisplayPort/HDMI): 1.07 billion colors (maximum), 8-bit colors: 16.77 million colors	10-bit colors (SDI/DisplayPort/HDMI): 1.07 billion colors (maximum), 8-bit colors: 16.77 million colors	10-bit colors (SDI/DisplayPort/HDMI): 1.07 billion colors (maximum) 8-bit colors: 16.77 million colors
	Viewing Angles (H/V, typical)	178°/178°	178°/178°	178°/178°	178°/178° (2D mode)	178°/178° (2D mode)	178°/178°	178°/178°
	Brightness (typical)	900 cd/m²	650 cd/m²	850 cd/m²	650 cd/m²	850 cd/m²	700 cd/m²	700 cd/m²
	Contrast Ratio (typical)	1000:1	1400:1	1800:1	1400:1	1500:1	1000:1	1000:1
	Response Time (typical)	14 ms (black-white-black)	16 ms (black-white-black)	20 ms (black-white-black)	16 ms (black-white-black)	20 ms (black-white-black)	8 ms (gray-to-gray)	8 ms (gray-to-gray)
	Color Gamut (typical)	sRGB	sRGB	BT.2020 emulation	sRGB	BT.2020 emulation	BT.2020 emulation	BT.2020 emulation
Video Signals	Input Terminals	BNC (3G-SDI), DVI-D x 2 (HDCP 1.4), D-Sub 15 pin (mini), S-Video, BNC (Composite)	BNC (3G-SDI) x 2, DVI-D x 2 (HDCP 1.4), D-Sub 15 pin (mini), BNC (RGB C-Sync or Component), S-Video, BNC (Composite)	DisplayPort (HDCP 1.3), HDMI (HDCP 2.2/1.4), BNC (12G-SDI), BNC (3G-SDI), DVI-D (HDCP 1.4)	BNC (3G-SDI) x 2, DVI-D x 2 (HDCP 1.4), D-Sub 15 pin (mini), BNC (RGB C-Sync or Component), S-Video, BNC (Composite)	DisplayPort (HDCP 1.3), HDMI (HDCP 1.4), BNC (12G-SDI) x 2, DVI-D (HDCP 1.4)	BNC (3G-SDI), BNC (12G-SDI), DVI-D, DisplayPort, HDMI	BNC (3G-SDI), BNC (12G-SDI), DVI-D, DisplayPort, HDMI
	Output Terminals	BNC (3G-SDI), DVI-D, S-Video, BNC (Composite)	BNC (3G-SDI) x 2, DVI-D, BNC (RGB C-Sync or Component), S-Video, BNC (Composite)	DisplayPort, BNC (12G-SDI), DVI-D	BNC (3G-SDI) x 2, DVI-D, BNC (RGB C-Sync or Component), S-Video, BNC (Composite)	DisplayPort, BNC (12G-SDI), DVI-D	DisplayPort, BNC (12G-SDI), DVI-D	DisplayPort, BNC (12G-SDI), DVI-D
	Digital Scanning Frequency (H/V)	15–75 kHz/24–60 Hz	15–75 kHz/24–60 Hz	18–136 kHz/23–71 Hz	15–75 kHz/24–60 Hz	18–136 kHz/23–71 Hz	–	–
	Analog Scanning Frequency (H/V)	15–80 kHz/24–85 Hz	15–80 kHz/24–85 Hz	–	15–80 kHz/24–85 Hz	–	–	–
	Sync Formats	Separate, Composite, Sync on green	Separate, Composite, Sync on green	–	Separate, Composite, Sync on green	–	–	–
Power	Power Input	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 adapter input: 100–240 V: 50–60 Hz Monitor input: DC 48 V, 3.0 A	AC adapter input: 100–240 V: 50 - 60 Hz Monitor input: DC 48 V, 3.0 A
	Maximum Power Consumption	79 W	97 W	199 W	97 W	205 W	144 W	144 W
	Power Output	DC 5V, 1A	DC 5V, 1A	DC 5V, 2A	DC 5V, 1A	DC 5V, 2A	DC 5V, 2A	DC 5V, 2A
Features & Functions	Simultaneous Display	Picture-by-Picture (2 PbyP), Picture-in-Picture (PinP)	Picture-by-Picture (2 PbyP), Picture-in-Picture (PinP)	Picture-by-Picture (2 PbyP), Picture-in-Picture (PinP)	Picture-by-Picture (2 PbyP), Picture-in-Picture (PinP)	Picture-by-Picture (2 PbyP), Picture-in-Picture (PinP)	Picture-by-Picture (2 PbyP), Picture-in-Picture (PinP)	Picture-by-Picture (2 PbyP), Picture-in-Picture (PinP)
	OSD Languages	English, German, French, Italian, Spanish, Swedish, Japanese, Simplified Chinese, Traditional Chinese	English, German, French, Italian, Spanish, Swedish, Japanese, Simplified Chinese, Traditional Chinese	English, German, French, Spanish, Italian, Swedish, Japanese, Simplified Chinese, Traditional Chinese, Russian, Portuguese	English, German, French, Italian, Spanish, Swedish, Japanese, Simplified Chinese, Traditional Chinese	English, German, French, Spanish, Italian, Swedish, Japanese, Simplified Chinese, Traditional Chinese, Russian, Portuguese	English, German, French, Spanish, Italian, Swedish, Japanese, Simplified Chinese, Traditional Chinese, Russian, Portuguese	English, German, French, Spanish, Italian, Swedish, Japanese, Simplified Chinese, Traditional Chinese, Russian, Portuguese
	Others	Remote control (RS-232C, GPI)	Remote control (RS-232C, GPI)	Remote control (RS-232C), 180° rotation, Mirroring, Optical Bonding	3D (Side by Side, Line by Line, Top and Bottom, SIMUL), Remote control (RS-232C, GPI), Optical Bonding	4K 3D (Side by Side, Line by Line, Top and Bottom, SIMUL), 3D (Side by Side, Line by Line, Top and Bottom, SIMUL), Remote control (RS-232C), 180° rotation, Mirroring, Optical Bonding	Auto Input Detection, Gamma switch, color temperature switch, remote control (RS-232C)	4K 3D (Line by Line, Side by Side), 3D (Line by Line, Side by Side), Auto Input Detection, Gamma switch, color temperature switch, remote control (RS-232C)
Physical Specifications	Net Weight	8.5 kg	9.9 kg	13.2 kg	10.2 kg	13.6 kg	16,4 kg	17.6 kg
	Hole Spacing (VESA Standard)	100 x 100 mm, M4, depth 5–9 mm	200 x 200 mm, M6, depth 7–10 mm/ 100 x 100 mm, M4, depth 5–9 mm	200 x 200 mm, M6, depth 7–12 mm/ 100 x 100 mm, M4, depth 7–11 mm	200 x 200 mm, M6, depth 7–10 mm/100 x 100 mm, M4, depth 5–9 mm	200 x 200 mm, M6, depth 7–12 mm/100 x 100 mm, M4, depth 7–11 mm	400 x 200 mm, M8, depth 8–15 mm	400 x 200 mm, M8, depth 8–15 mm
Degree of Protection		IP45 (Front), IP32 (Rear)	IP45 (front), IP32 (rear)	IP45 (front), IP32 (rear)	IP45 (front), IP32 (rear)	IP45 (front), IP32 (rear)	IP45 (front), IP32 (rear)	IP45 (front), IP32 (rear)
Certifications & Standards (Please contact EIZO for the latest information.)		CE/UKCA (Medical Device), ANSI/AAMI ES60601-1, CAN/CSA-C22.2 No. 60601-1, IEC/EN60601-1, VCCI-A, FCC-A, CAN ICES-3(A), RCM, RoHS, China RoHS, WEEE, CCC, EAC, BIS	CE/UKCA (Medical Device), ANSI/AAMI ES60601-1, CAN/CSA-C22.2 No. 60601-1, IEC/EN60601-1, VCCI-A, FCC-A, CAN ICES-3(A), RCM, RoHS, China RoHS, WEEE, CCC, EAC, BIS	CE/UKCA (Medical Device), ANSI/AAMI ES60601-1, CAN/CSA-C22.2 No.60601-1, IEC/EN60601-1, VCCI-A, FCC-A, CAN ICES-3(A), RCM, RoHS, China RoHS, WEEE, CCC, EAC, BIS	CE/UKCA (Medical Device), ANSI/AAMI ES60601-1, CAN/CSA-C22.2 No. 60601-1, IEC/EN60601-1, VCCI-A, FCC-A, CAN ICES-3(A), RCM, RoHS, China RoHS, WEEE, CCC, EAC, BIS	CE/UKCA (Medical Device), ANSI/AAMI ES60601-1, CAN/CSA-C22.2 No.60601-1, IEC/EN60601-1, VCCI-A, FCC-A, CAN ICES-3(A), RCM, RoHS, China RoHS, WEEE, CCC, EAC, BIS	CE/UKCA (Medical Device), ANSI/AAMI ES60601-1, CAN/CSA-C22.2 No. 60601-1, IEC/EN 60601-1, FCC-A, RoHS, China RoHS, WEEE, CCC, BIS	CE/UKCA (Medical Device), ANSI/AAMI ES60601-1, CAN/CSA-C22.2 No. 60601-1, IEC/EN 60601-1, FCC-A, RoHS, China RoHS, WEEE, CCC, BIS
FDA		Class I	Class I	Class I	Class I	Class I	Class I	Class I
Supplied Accessories (May vary by country. Please contact EIZO for details.)		AC power cord, AC adapter, screws for VESA adapter x 4, cable cover, Utility Disk (PDF installation manual), instructions for use	AC power cord, AC adapter, screws for VESA adapter x 8, cable cover, Utility Disk (PDF installation manual), instructions for use	AC power cord, AC adapter, screws for VESA adapter x 8, cable cover, Utility Disk (PDF installation manual), instructions for use	AC power cord, AC adapter, screws for VESA adapter x 8, 3D fogless polarized glasses x 3, cable cover, Utility Disk (PDF installation manual), instructions for use	AC power cord, AC adapter, 3D fogless polarized glasses x 3, screws for VESA adapter x 8, cable cover, Utility Disk (PDF installation manual), instructions for use	AC power adapter, cable cover, monitor attachment screws x 4, cable tie x 2, Utility Disk (Instructions for Use, Installation Manual)	AC power adapter, 3D fogless polarized glasses x 3, cable cover, monitor attachment screws x 4, cable tie x 2, Utility Disk (Instructions for Use, Installation Manual)
Dimensions (Unit: mm)								
Connectors								

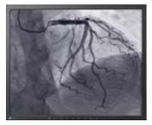
SPECIFICATIONS

MONITORS

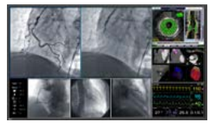
CuratOR® EX4942 **49" WIDE** 4K

CuratOR® EX5542 **55" WIDE** 4K

CuratOR® LX1910 **19"**



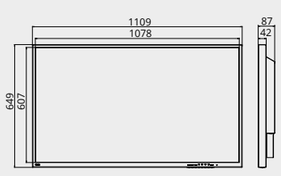
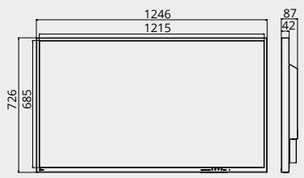
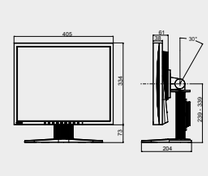
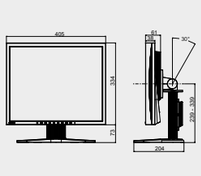
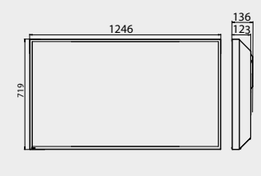
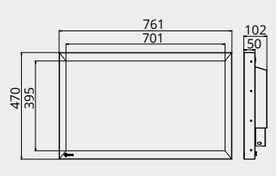
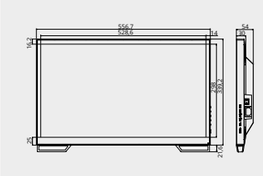
CuratOR® LS1910 **19"**



RadiForce® LL550W **54.6" WIDE** 4K

CuratOR® LX3240-MR **31.5" WIDE** 4K

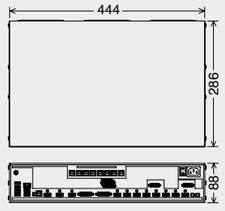
CuratOR® LX2420-T **23.8" WIDE**

Model Variations		EX4942: without stand	EX5542: without stand	LX1910: without stand LX1910-S: with stand	LS1910: without stand LS1910-S: with stand	LL550W: without stand	LX3240-MR: without stand	LX2420-T: without stand LX2420-ST: with reclining stand
Cabinet Color		White	White	Black	Black	Black	Black	Black
Panel	Type	Color (IPS)	Color (IPS)	Color	Color (IPS)	Color (IPS)	Color (IPS)	Color (IPS)
	Backlight	LED	LED	LED	LED	LED	LED	LED
	Size	49" (124.5 cm)	55" (139.7 cm)	19" (48 cm)	19" (48.3 cm)	54.6" (139 cm)	31.5" (80 cm)	23.8" (60.5 cm)
	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)	3840 x 2160 (16:9 aspect ratio)	3840 x 2160 (16:9 apect ratio)	1920 x 1080 (16:9 apect ratio)
	Viewable Image Size (H x V)	1073.8 x 604 mm	1209.6 x 680.4 mm	376.3 x 301.0 mm	376.3 x 301.0 mm	1210 x 680 mm	697.3 x 392.2 mm	527 x 296.5 mm
	Pixel Pitch	0.279 x 0.279 mm	0.315 x 0.315 mm	0.294 x 0.294 mm	0.294 x 0.294 mm	0.315 x 0.315 mm	0.181 x 0.181 mm	0.275 x 0.275 mm
	Display Colors	10-bit colors (SDI/DisplayPort/HDMI): 1.07 billion colors (maximum), 8-bit colors: 16.77 million colors	10-bit colors (SDI/DisplayPort/HDMI): 1.07 billion colors (maximum), 8-bit colors: 16.77 million colors	8-bit colors: 16.77 million colors	8-bit colors: 16.77 million colors	10-bit colors: 1.07 billion colors	10-bit colors: 1.07 billion colors	8-bit colors: 16.77 million colors
	Viewing Angles (H / V, typical)	178°/178°	178°/178°	178°/178°	178°/178°	178° / 178°	178°/178°	178° / 178°
	Brightness (typical)	700 cd/m²	700 cd/m²	700 cd/m²	330 cd/m²	700 cd/m²	1000 cd/m²	600 cd/m²
	Recommended Brightness for Calibration	–	–	400 cd/m²	250 cd/m²	400 cd/m²	400 cd/m²	400 cd/m²
	Contrast Ratio (typical)	1100:1	1100:1	1000:1	1000:1	1100:1	1300:1	1000:1
	Response Time (typical)	8 ms (gray-to-gray)	8 ms (gray-to-gray)	13 ms rising, 12 ms falling	13 ms rising, 12 ms falling	8 ms (midtone)	14 ms (midtone)	14 ms (midtone)
	Color Gamut (typical)	BT.2020 emulation	BT.2020 emulation	–	–	86% DCI	sRGB	–
Video Signals	Input Terminals	BNC (3G-SDI), BNC (12G-SDI), DVI-D, DisplayPort, HDMI	BNC (3G-SDI), BNC (12G-SDI), DVI-D, DisplayPort, HDMI	DisplayPort, DVI-I (digital and analog RGBHV)	DisplayPort, DVI-I (digital and analog RGBHV)	DVI-D (dual link) x 2	DisplayPort™ (4K UHD), DisplayPort™ (Full HD), HDMI® (DVI-Signal Full HD) x 2	DisplayPort™, DVI-I (digital and analog RGBHV)
	Output Terminals	BNC (12G-SDI), DVI-D, DisplayPort	BNC (12G-SDI), DVI-D, DisplayPort	–	–	–	–	–
	Digital Scanning Frequency (H / V)	–	–	30–100 kHz/50–85 Hz	30–80 kHz / 60–75 Hz	125–135.87 kHz/59.0–60.72 Hz	131.3 kHz/60 Hz	30–100 kHz/50–85 Hz
	Analog Scanning Frequency (H / V)	–	–	30–100 kHz/50–85 Hz	30–100 kHz / 50–85 Hz	–	–	30–100 kHz/50–85 Hz
	Sync Formats	–	–	Separate, Composite, Sync on green	Separate, Composite, Sync on green	–	–	Separate, Composite, Sync on green
USB	Upstream	–	–	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	USB 2.0: Type-A	–	USB 2.0: Type-A x 2	USB 2.0: Type-A
Touch Panel	Type	–	–	–	–	–	–	Projected Capacitive
	Maximum Touch Points	–	–	–	–	–	–	10
	Surface Treatment	–	–	–	–	–	–	Anti-glare (AG80), anti-fingerprint coating
Power	Power Requirements	100–240 V: 50–60 Hz	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 adapter input: 100–240 V: 50–60 Hz Monitor: 24 VDC, 6 A	AC 100–240 V: 50/60 Hz
	Maximum Power Consumption	160 W	170 W	45 W	35 W	170 W	155 W	46 W
	Typical Power Consumption	–	–	–	–	–	–	–
	Power Save Mode	–	–	Less than 2 W	Less than 2 W	Less than 30 W	20 W (DMPM mode)	Less than 2W (Touch On) Less than 1W (Touch Off)
	Power Management	–	–	Digital: DVI DMPM, Analog: VESA DPM	Digital: DVI DMPM, Analog: VESA DPM	DVI DMPM	DMPM	Digital: DVI DMPM Analog: VESA DPMS
	Power Output	DC 5V, 2A	DC 5V, 2A	DC 5V, 1A (Hirose)	DC 5V, 1A (Hirose)	DC 5V, 1A (Hirose)	DC 5V, 1A (Hirose)	DC 5V, 1A (Hirose)
Sensor		–	–	Backlight Sensor	Backlight Sensor	Backlight Sensor	Backlight Sensor	Backlight Sensor
Features & Functions	Simultaneous Display	Picture-by-Picture (2 PbyP), Picture-in-Picture (PinP)	Picture-by-Picture (2 PbyP), Picture-in-Picture (PinP)	–	–	–	–	–
	OSD Languages	English, German, French, Spanish, Italian, Swedish, Japanese, Simplified Chinese, Traditional Chinese, Russian, Portuguese	English, German, French, Spanish, Italian, Swedish, Japanese, Simplified Chinese, Traditional Chinese, Russian, Portuguese	English, German	English, German	–	English	English, German
	Others	Auto Input Detection, Gamma switch, color temperature switch, remote control (RS-232C)	Auto Input Detection, Gamma switch, color temperature switch, remote control (RS-232C)	Prioritised input (DVI-A) for emergency signal	Prioritised input (DVI-A) for emergency signal	–	Cal-Switch, resistance to magnetic fields up to 100 mT	Hardness 7H
	Net Weight (Without Stand)	25 kg	29.3 kg	LX1910: 4.3 kg LX1910-S: 6.1 kg	LS1910: 4.3 kg LS1910-S: 6.1 kg	38 kg	17.2 kg	6.0 kg (LX2420-T) 6.2 kg (LX2420-ST)
	Hole Spacing (VESA Standard)	400 x 200 mm, M8, depth 11–16 mm	400 x 200 mm, M8, depth 11–16 mm	100 x 100 mm, M4, depth 5–10 mm	100 x 100 mm, M4, depth 5–10 mm	400 x 400 mm, M8, depth 16–20 mm	100 x 100 mm and 200 x 100, M4, depth 5–10 mm	100 x 100 mm, M4, depth 10 mm
Degree of Protection		IP45 (front), IP32 (rear)	IP45 (front), IP32 (rear)	IP20	IP20	IP20	IP20	IP20
Certifications & Standards (Please contact EIZO for the latest information.)		CE/UKCA (Medical Device), ANSI/AAMI ES60601-1, CAN/CSA-C22.2 No. 60601-1, IEC/EN 60601-1, VCCI-B, FCC-B, CAN ICES-3(B), RoHS, China RoHS, WEEE, CCC	CE/UKCA (Medical Device), ANSI/AAMI ES60601-1, CAN/CSA-C22.2 No. 60601-1, IEC/EN 60601-1, VCCI-B, FCC-B, CAN ICES-3(B), RoHS, China RoHS, WEEE, CCC	CE/UKCA (Medical Device), IEC/EN60601-1, CAN/CSA C22.2 No. 60601-1, ANSI/AAMI ES60601-1, EN60601-1-2 Class B, FCC-B, RoHS, China RoHS, WEEE, CCC, BIS	CE/UKCA (Medical Device), IEC/EN60601-1, CAN/CSA C22.2 No. 60601-1, ANSI/AAMI ES60601-1, EN60601-1-2 Class B, FCC-B, RoHS, WEEE, CCC, BIS	CE/UKCA (Medical Device), IEC/EN60601-1, CAN/CSA C22.2 No. 60601-1, ANSI/AAMI 60601-1, EN60601-1-2 Class B, FCC-B, RoHS, China RoHS, WEEE, CCC, BIS	CE/UKCA (Medical Device), IEC/EN60601-1, CAN/CSA C22.2 No. 60601-1, ANSI/AAMI ES60601-1, EN60601-1-2 Class B, FCC-B, RoHS, WEEE	CE/UKCA (Medical Device), IEC/EN60601-1, CSA-C22.2 No. 60601-1:14 +A2:22 / AAMI ES60601-1:2005 (R)2012 + A2:2021, EN60601-1-2 Class B, FCC-B, RoHS, China RoHS, WEEE, CCC, BIS
FDA		Class I	Class I	–	–	Class II	–	–
Supplied Accessories (May vary by country. Please contact EIZO for details.)		Cable cover, monitor attachment screws x 4, cable tie x 2, Utility Disk (Instructions for Use, Installation Manual)	Cable cover, monitor attachment screws x 4, cable tie x 2, Utility Disk (Instructions for Use, Installation Manual)	Adapter (D-Sub – DVI), adapter (BNC – D-Sub), Utility Disk (PDF Instructions for Use)	Adapter (D-Sub – DVI), adapter (BNC – D-Sub), Utility Disk (PDF Instructions for Use)	Dual link signal cable (DVI-D – DVI-D) x 2, Utility Disk (PDF Instructions for Use)	AC adapter + cable (15 m), Utility Disk (PDF Instructions for Use)	DVI cable, DisplayPort cable, USB cable, Utility Disk (PDF Instructions for Use)
Dimensions (unit: mm)								
Connectors								

VIDEO-MANAGEMENT

LMM0802-HDM

Large Monitor Manager

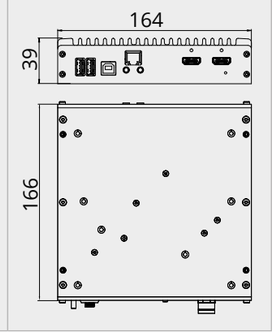
Cabinet Color		Black
Video Signals	Input Terminals	HDMI connectors (DVI signals only) x 8, 8 simultaneous visible inputs (in 16 windows maximum)
	Input Performance	DVI-D (single link), 1920 x 1200 maximum, 60 Hz or 2048 x 1536, 30 Hz (165 MHz pixelclock maximum, horizontal size 2048 maximum)
	Output Terminals	DVI-D (dual link) x 2, HDMI x 2, HDMI (DVI single link signals, scaler output)
	Output Performance	**Single Workspace** (all outputs with same picture content): 8MP: DVI-DL x 2 [Monitor 1/2] (1920 x 2160, 60 Hz) equate to 3840 x 2160, 60 Hz, HDMI [Monitor 5] (3840 x 2160, 60 Hz), HDMI [Monitor 4] (freely scalable up to 3840 x 2160, 60 Hz), HDMI [Monitor 3] (firmly scaled to 1920 x 1080, 60 Hz) or 8MP: DVI-DL x 2 [Monitor 1/2] (2048 x 2160, 60 Hz) equate to 4096 x 2160, 60 Hz, HDMI [Monitor 5] (4096 x 2160, 60 Hz), HDMI [Monitor 4] (freely scalable up to 4096 x 2160, 60 Hz) **Dual Workspace** (two outputs each with same picture content): DVI-DL [Monitor 1] (2560 x 1600, 60 Hz or 2560 x 1440, 60 Hz) HDMI [Monitor 5] (same resolution as [Monitor 1]), DVI-DL [Monitor 2] (same resolution as [Monitor 1]), HDMI [Monitor 4] (same resolution as [Monitor 1]), Monitor 5 duplicates Monitor 1, Monitor 4 duplicates Monitor 2
Operation with Extron DXP 1616 HD 4K matrix*	Input Terminals	HDMI x 20 (max.)
	Input Performance	Additional inputs: up to 4K (4096 x 2160, 60 Hz)
	Output Terminals	HDMI x 16 (max.)
	Output Performance	Additional outputs Extron DXP 1616 HD 4K matrix: up to 4K (4096 x 2160, 60 Hz)
Communication Connector		Ethernet (RJ45)
USB Ports	Upstream	USB 2.0: type-B x 8 (for control of video applications on PCs)
	Downstream	USB 2.0: type-A x 6 (e.g. for keyboard, mouse)
Power	Power Requirements	AC 100–120 V, 200–240 V: 50/60 Hz
	Power Consumption	LMM0802-HDM: 110 W (including external load of 40 W), Extron DXP 1616 HD 4K matrix: 50 W (max.)
OSD Languages		English, German, French, Japanese, Chinese
Physical Specification	Net Weight	LMM0802-HDM: 5.3 kg, Extron DXP 1616 HD 4K matrix: 3.6 kg
	Mechanical Installation	LMM0802-HDM: 19" rack design, 2 RU Extron DXP 1616 HD 4K matrix: 2 RU
Degree of Protection		IP20
Controls and Status		Graphical user interface and software control interface for operating, status and diagnosis, LED indicators for hardware status x 2
Certifications and Standards (Please contact EIZO for the latest information)		CE/UKCA, IEC/EN60601-1, CAN/CSA-C22.2 No. 60601-1, ANSI/AAMI ES60601-1, IEC/EN 62368-1, CAN/CSA C22.2 No. 62368-1:2014 / UL62368:2014, EN55032 Class B, RoHS, WEEE
Supplied Accessories		LMM0802-HDM: Adapter cables (HDMI – DVI) x 8, mounting brackets, screws x 2, Utility Disk (PDF Instructions for Use) Extron DXP 1616 HD 4K Matrix: AC power cord (eu) and manual, adapter cable (RS232 – USB) 2 m, installation manual
Dimensions (Unit: mm)		

** Software version 4.3.0 or later*

VIDEO MANAGEMENT OVER IP

TIP0810 4K

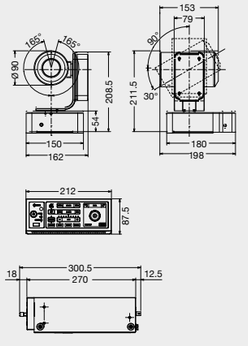
IP-Transceiver

Cabinet Color		Silver
Network	Data Rate	10 Gbit/s
	Connector	SFP+ (10 GbE, optional SFP+ module)
	Cable	LWL duplex LC/LC (SFP+ module necessary)
Video Signale	Input Resolution	Up to 4K (3840 x 2160), 1 x uncompressed, 60 Hz
	Output Resolution	Up to 4K (3840 x 2160), 1 x uncompressed, 60 Hz
	Interface	HDMI (in), HDMI (out)
	Modes	Single In/Single Out (up to 4K/60Hz)
	Multiview	Side-by-Side, Picture-in-Picture, QuadView
Connectors	Audio	Audio jack x 2 (in/out)
	USB Ports	USB/A x 2, USB/B
Control		Mouse and keyboard control
Power Consumption		17 W, optional: 5 W (for USB), passive cooling
Power Requirements		External power supply, 230 AC
Net Weight		1050 g
Certifications and Standards (Please contact EIZO for the latest information)		CE/UKCA, IEC/EN 62368-1, tested for IEC60601-1-2, RoHS, Reach, WEEE
Optional Accessories		Optical module (SFP+ 10G LC), power supply, connection and mounting accessories
Dimensions (Unit: mm)		

CAMERA SYSTEM

SC430-PTR 4K

4K/60p Surgical Field Camera System

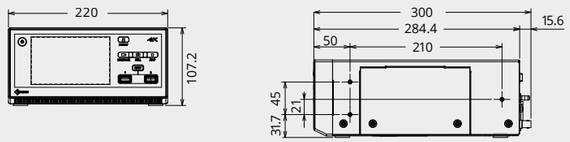
Camera Head	Image Sensor	1/2.5 type CMOS, single chip type
	Effective Pixels	3840 x 2160
	Zoom	Optical 30x motorized zoom
	Focal Length (f=)	4.6 (W)–135 (T) mm
	Horizontal Field of View (HFOV)	68 (W)–2,6 (T) °
	Minimum Object Distance (MOD)	1500 mm (throughout the zoom range) 1000 mm (with close-up lens)
	Filter Diameter	72 mm
	Focus Control	Auto, Manual
	Iris Control	Auto, Manual
	Pan Range	+/-170 °
	Tilt Range	+90 °/-30 °
	Roll Range	+/-165 °
	Pan Speed	8.6–0.05 °/s, 7 steps
	Tilt Speed	8.6–0.05 °/s, 7 steps
	Roll Speed	30–0.2 °/s, 7 steps
	Built-in microphone	Yes
Features and Functions	Image Control	Auto Level Control (ALC), Center Weighting Metering, BT.2020 Emulation, White Balance, Sharpness
	Gain	Auto, Manual (0–45 db)
	Shutter Speed	[59.94 Hz output] 1/60–1/10000 [50 Hz output] 1/50–1/10000
	Picture Flip	Normal, Flip
Video Format	4K UHD	HDMI: 2160/59.94p, 2160/50p SDI: 2160/59.94p, 2160/50p
	FHD	HDMI: 1080/59.94p, 1080/59.94i, 1080/50p, 1080/50i SDI: 1080/59.94p, 1080/59.94i, 1080/50p, 1080/50i
General	Output Terminals	HDMI x 2, BNC (Quad Link 3G-SDI), BNC (3G-SDI), Audio
	Remote Control	LAN, RS-232C, IR remote
	Power Requirements	DC 24 V (bundled AC adapter)
	Maximum Power Consumption	55 W
	Net Weight	Camera Head and Mount: 3.1 kg (with cable cover), Camera Control Unit: 2.9 kg
	Hole Spacing	Camera Mount: 100 x 100 mm
	Operating Temperature	Camera Head and Mount: 0–35°C Camera Control Unit: 0–40°C
	Operating Humidity	20–80%RH
	Certifications & Standards	CE, CB, FCC-A, CAN ICES-3 (A), RoHS, WEEE, IEC60601-1
	Supplied Accesssories	AC adapter, AC power cord (2 m), camera cable (25 m), IR remote, rubber feet x 4, ND filter, close-up lens, cable cover, thread-locking fluid, Instructions for Use, Quick Reference Guide
Dimensions (unit: mm)		

SPECIFICATIONS

RECORDER

MIR-1 4K

4K Medical Imaging Recorder

Video Recording	Compression	H.265, H.264
	Format	MP4
	Resolution	3840 x 2160 max.
	Frame Rate	60 fps, 30 fps
Image Capture	Format	JPEG, TIFF
	Resolution	3840 x 2160 max.
Storage	Internal	2TB SSD
	External Media	USB HDD, USB SSD
Video Input	Connectors	BNC (12G-SDI), HDMI
	Resolution	3840 x 2160 max.
Video Output	Through-Out	BNC (12G-SDI), HDMI
	Monitor-Out	HDMI (1920 x 1080)
Audio Input	Line-In	3-pole 3.5 mm mini jack
	Mic-In	3-pole 3.5 mm mini jack
Audio Output	Line-Out	3-pole 3.5 mm mini jack
	Speaker	Integrated
Other Interfaces	USB	USB 5Gbps: Type-A x 2 (at front for storage) USB 2.0: Type-A x 4 (at rear for operation)
	LAN	RJ-45 x 2 100BASE-TX, 1000BASE-T (LAN #2: for enhancement)
	Serial Interface	RS-232C
	Trigger Input	3-pole 3.5 mm mini jack x 2
	Touch Panel	5" color LCD, analog resistive
Power Input		AC100–240 V, 50 / 60 Hz
Net Weight		Approx. 4.0 kg
Installation		Flat, rack mounting holes: M4 x 3 on both sides
Environmental Requirements	Operating	Temperature: 0–40 °C, Humidity: 20–80 % (R.H., non condensing)
	Storage	Temperature: -20–60 °C, Humidity: 10–90 % (R.H., non condensing)
Certifications & Standards (Please contact EIZO for the latest information)		CE/UKCA (Medical Device), cTÜVus, IEC/EN60601-1, VCCI-B, FCC-B, CAN ICES-3(B), RCM, RoHS, China RoHS, WEEE
FDA		Class I
Supplied Accessories (May vary by country. Please contact EIZO for details)		AC power cord, HDMI cable, clamper for HDMI cable x 3, instructions for use
Dimensions (unit: mm)		

MIR Browser

Medical Imaging Viewer and Management Software

System Requirements	Compatible Operating Systems	Windows 11 Windows 10 (64-bit)
	PC CPU	Intel Core processor The 10th generation (Comet Lake) or later
	PC Memory	8 GB minimum
	PC Resolution	1920 x 1080 minimum
General	Languages	English, Japanese
	Supported Video Format	H.265, H.264
File Format for Loading	Video	H.265: MPEG Audio Layer 2, AAC (Container: TS, MP4) H.264: MPEG Audio Layer 2, AAC (Container: TS, MP4)
	Still Image	JPEG, TIFF
File Format for Output	Video	H.265: MPEG Audio Layer 2, AAC (Container: TS, MP4) Supports Intel Quick Sync Video (QSV) and NVIDIA® NVENC H.264: MPEG Audio Layer 2, AAC (Container: TS, MP4) Supports Intel Quick Sync Video (QSV), NVIDIA NVENC, and software encoding
	Still Image	JPEG, TIFF, PNG

SIGNAL ROUTING

PDC0100

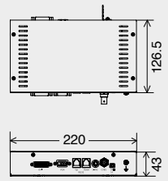
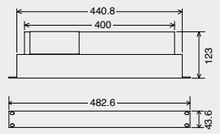
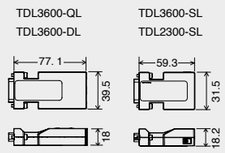
Analog-DVI Converter

PDS0800-HD

DVI Splitter / Scaler

TDL3600 / TDL2300

DVI Transmission Link

Model Variations	–	–	TDL3600-QL: quad link, 36m TDL3600-DL: dual link, 36m TDL3600-SL: single link, 36m TDL2300-SL: single link, 23m
Cabinet Color	Black	Light Gray	Silver
Input Terminals	DVI-I (digital: DVI, analog: RGB), D-Sub mini 15 pin (Separate, Composite, SoG), BNC (Composite, PAL, NTSC), 4 pin mini DIN (S-Video)	DVI-D (dual link) x 2 (A+B)	TDL3600-QL: DVI-D (dual link) x 2 TDL3600-DL: DVI-D (dual link) TDL3600-SL TDL2300-SL: DVI-D
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	8MP (4096 x 2160: 2048 x 2160 x 2 channel, 60 Hz), 8MP (UHD, 3840 x 2160: 1920 x 2160 x 2 channel, 60 Hz)	TDL3600-QL: 3840 x 2160 TDL3600-DL: 2560 x 1600 TDL3600-SL/TDL2300-SL: 1920 x 1200
Output Terminals	DVI-D	DVI-D (Dual Link) x 4 (A+B x 2), DVI-D (single link), mini DIN (YPbPr)	TDL3600-QL: DVI-D (dual link) x 2 TDL3600-DL: DVI-D (dual link) TDL3600-SL/TDL2300-SL: DVI-D
Output Performance	1280 x 1024 (SXGA), 60 Hz	8MP (4096 x 2160: 2048 x 2160 x 2, 60 Hz) 8MP (3840 x 2160: 1920 x 2160 x 2, 60 Hz) Downscale-output (with UHD input resolution only): FHD (1920 x 1080, 60 Hz) Analog/Composite (1920 x 1080, 60 Hz)	TDL3600-QL: 3840 x 2160 TDL3600-DL: 2560 x 1600 TDL3600-SL/TDL2300-SL: 1920 x 1200
Connector	RJ11 x 2 (Upstream, Downstream), Supported Signal: RS 232-Bus	–	–
Configuration	–	–	–
Power Requirements	AC 100–120 V, 200–240 V: 50 / 60 Hz	AC 100–240 V: 50 / 60 Hz	PC side: through DVI interface Monitor side: 5 V support from monitor Optional: 5 V external power supply
Power Consumption	10 W	36 W	–
Degree of Protection	IP20	IP20	IP20
Net Weight	850 g	1.1 kg	0.1 kg (each transmitter and receiver, without cable)
Mechanical Installation	Injection nut M3 on each side (distance 31.8 mm) x 2	19" rack design, 1 RU	Transmitter module at PC side (DVI-D - RJ45), TDL cable (RJ45 – RJ45), Receiver module at monitor side (RJ45 - DVI-D)
Certifications and Standards (Please contact EIZO for the latest information.)	CE, IEC/EN 62368-1, UL/CSA 62368-1 (cMETus), EN60601-1-2 Class B, FCC-A, RoHS, RCM, China RoHS, WEEE	CE, IEC/EN 62368-1, EN55032, EN55024, FCC-A, RoHS, WEEE adapter: CE, IEC/EN 62368-1	CE, IEC/EN60601-1, CAN/CSA C22.2 No. 60601-1:08, ANSI/AAMI ES60601-1:2005, EN60601-1-2 Class B, FCC-A, RCM, RoHS, China RoHS, WEEE
Supplied Accessories	AC adapter, signal cable (VGA – VGA, DVI – DVI), remote key pad with 30 m cable, Utility Disk (PDF Instructions for Use)	Adapter mini DIN to 3 x cinch, AC adapter	TDL3600-QL: Transmitter x 2, Receiver x 2, mounting set for LS580W/LL580W, mounting set for LMM56800/LMM0802, 36 m cable x 4, TDL3600-DL: Transmitter, Receiver, 36 m cable x 2, AC adapter, TDL3600-SL: Transmitter, Receiver, 36 m cable, adapter, TDL2300-SL: Transmitter, Receiver, 23 m cable, adapter, Utility Disk (PDF Instructions for Use)
Dimensions (unit: mm)			

SPECIFICATIONS

Local Contacts

You will find your EIZO contact partners at:
https://www.eizo-or.com/contact

Contact for OEM customers

EIZO GmbH
Carl-Benz-Str. 3
76761 Rülzheim
Germany

Tel: +49 7272 9850-0
Fax: +49 7272 9850-471
E-Mail: dt-contact@eizo.com
Web: https://www.eizo-or.com