



The Surgical Panel SP2-24-49 with two integrated monitors as well as build-in IT and video management components is a digital image viewing system, designed for use in the operating room. Integrated into the hospital's IT structure, it supports various workflows. The SP2-24-49 forms a space-saving combination of HIS and PACS station. Different applications are covered by just one device.

- Built-in 24" (touchscreen option) and 49" monitor
- Workstation for image viewing and documentation
- Space-saving wall mounting
- High ease of service and maintenance
- Flexible choice of material, configuration and accessories
- Completely sealed within the OR and disinfectible



Surgical Panel SP2-24-49

Individually customized housing

The housing dimensions can be customized, the housing material can be rendered in steel, stainless steel, glass, or a combination of these materials. The color selection is usually from the RAL range but other options are also available.

Various monitors

Much freedom when selecting number, size and type of the integrated monitors. Partially they can be configured as touchscreens.

Flexible IT and video management

The modular interior design allows customer-specific configuration and uncomplicated servicing.

Dust and water proof

The Surgical Panel is completely sealed within the OR, thus it can easily be cleaned and disinfected. With intelligent heat distribution over the entire front, it does not even require a ventilation system.

Varied accessories

Digital watches, speakers, cameras, on-air lights, barcode readers, as well as docking stations for peripheral devices such as audio players, and data storage devices can be integrated. Furthermore, a tailor-made interface integration is possible.

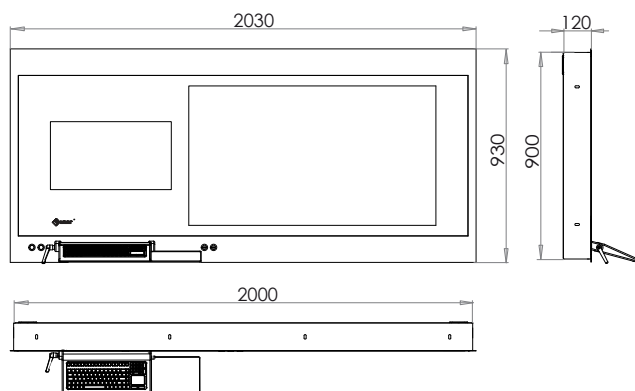
Easy maintenance and service

The trunk principle allows the device to be opened without complicated disassembly, because of its unique locking system no screw connections have to be opened. This makes the maintenance of installed components easy and efficient.

Different mounting options

Due to the device's construction, surface-mounted or flush-mounted installation is possible, depending on assembly options on site.

Dimensions (unit: mm)



Specifications

Modell Variants		SP2-24-49: without touchscreen SP2-24T-49: with touchscreen (24")
Housing	Material	Powder-coated stainless steel
	Front	Combination of stainless steel and anti-reflective safety glass (ESG)
	Color	Available in every RAL color
	Mounting Options	Suitable for flush mounting or surface mounting
Panel 1	Size	24"
	Diagonal	60 cm (16:9 aspect ratio)
	Panel Type	Color TFT LCD Panel (IPS) with DICOM Preset
	Native Resolution	1920 × 1080 (2,07 MP)
	Display Colors	16.7 million colors
	Pixel Pitch	0.274 mm x 0.274 mm
	Brightness (typical)	250 cd/m ²
	Contrast Ratio (typical)	1000:1
	Viewing Angles (H/V, maximum)	178°, 178°
	Touchscreen	Projected capacitive, multi-touch (SP2-24T-49 only)
	Response Time (typical)	5.0 ms (Midtone)
	Backlight	LED
	Signal Inputs	DisplayPort x 1, HDMI x 1, DVI-D x 1, DSub x 1
Panel 2	Size	49"
	Diagonal	123 cm (16:9 aspect ratio)
	Panel Type	Color TFT LCD Panel with DICOM Preset
	Native Resolution	1920 × 1080 (Full HD)
	Display Colors	1.07 billion colors
	Pixel Pitch	0.559 mm x 0.559 mm
	Brightness (typical)	700 cd/m ²
	Contrast Ratio (typical)	1300:1
	Viewing Angles (H/V, maximum)	178°, 178°
	Response Time (typical)	8.0 ms (Midtone)
Backlight	LED	
Signal Inputs	DVI-I x 1 (internal), others on request	
IT Components	INTEL® Core™ i5 processor - 3.x GHz, INTEL® Chipset, 6 MB L3 Cache, 8 GB DDR3 RAM (extendable), SATA HDD or SATA SSD, LAN RJ 45 - 10/100/1000 Base TX	
Operating System	MS Windows 7 prof., Windows 10	
Keyboard / Mouse	Anti-microbial medical silicone keyboard with integrated mouse storage (foldable) silicone mouse (visual 5 keys, laser mouse /IP65)	
Inputs	USB 2.0 / 3.0 x 2 (front side)	
Push Buttons	Main switch x 1 (front side) System switch x 1 (front side)	
Maximum Power Consumption	326.4 W	
Power Requirements	100 - 240 V / 50 - 60 Hz / 4 - 2 A	
Thermal Load	100.9 kJ/h	
Net Weight	appr. 95 kg	
Certifications & Standards	IEC/EN60601-1 (3rd edition), RoHS, WEEE (Please contact EIZO for the latest information)	



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