CuratOR™

Surgical Panel SP1-42

The Surgical Panel SP1-42 with an integrated monitor 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 SP1-42 provides the surgeon and his team a perfect overview of all information also from remote locations in the operating room.

- Built-in 42" monitor
- Workstation for image viewing and OR nursing stuff
- Space-saving wall mounting
- High ease of service and maintanance
- Flexible choice of material, configuration and accessories
- Completely sealed within the OR and disinfectible

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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 und 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.

Specifications

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	Size	42"
	Diagonal	107 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	0.483 mm x 0.483 mm
	Brightness (typical)	700 cd/m^2
	Contrast Ratio (typical)	1300:1
	Viewing Angles (H / V, maximum)	178º, 178º
	Response Time (typical)	8.0 ms (Midtone)
	Backlight	LED
	Signal Input	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		244.3 W
Power Requirements		100 - 240 V / 50 - 60 Hz / 4 - 2 A
Thermal Load		75.52 kJ/h
Net Weight		appr. 56 kg
Certifications & Standards (Please contact EIZO for the latest information)		IEC/EN60601-1 (3rd edition), RoHS, WEEE

Dimensions (unit: mm)
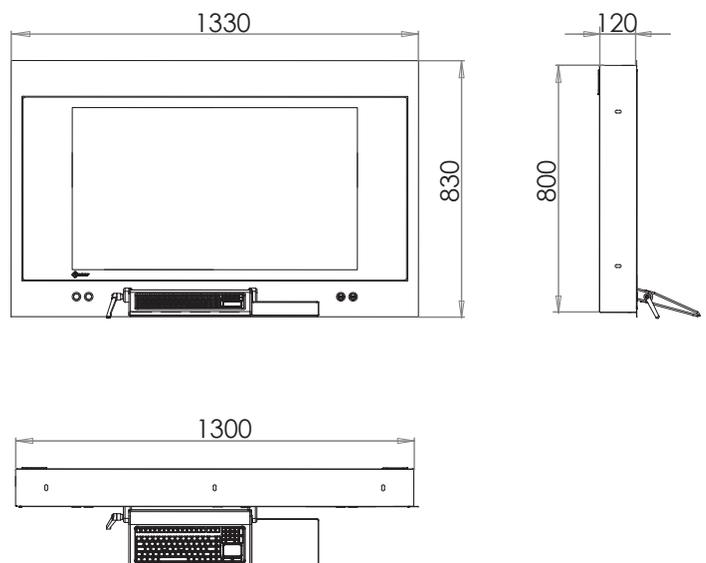
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