

Digital 4K UHD Viewing System with Integrated 43-inch Screen and IT and Video Management Components

Perfect Viewing

The Surgical Panel SP1-434K is designed for use in the operating room. Integrated into the hospital's IT structure, it supports various workflows. The SP1-434K provides the OR team with a perfect view also from remote locations 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.



Surgical Panel SP1-434K

Customized Housing

The housing dimensions can be customized along with the combination of the powdered stainless steel and glass housing materials. Customers can select colors from the RAL palette range to suit the OR color scheme.

Optimized View Through Simple LUT Switching

Every 4K Surgical Panel is equipped with an easy-access LUT switch as standard. One of five predefined lookup tables can be selected at the simple press of a button. This allows operators to display various medical images and videos under optimal viewing settings.

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 on the front at the simple press of a button. Two further buttons allow the selection of the preset layouts and the selection of the active window.

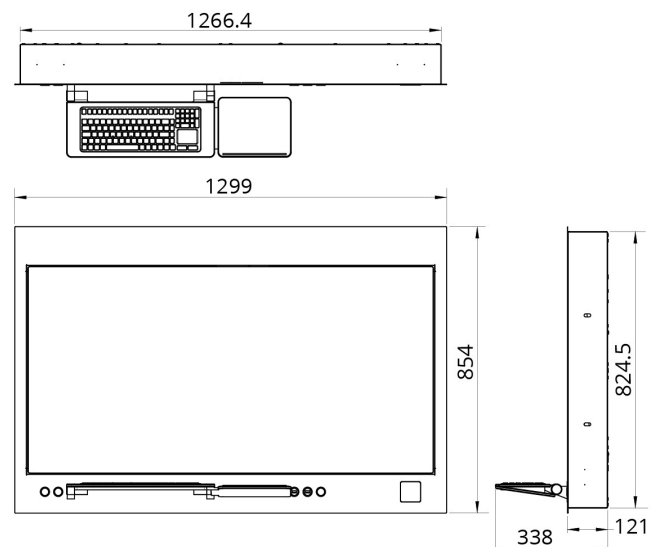
Accessories and Connectivity

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.

Specifications

| | | |
|---|---|--|
| Model Variations | | SP1-434K: without touchscreen SP1-434KT: with touchscreen |
| 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 | 43" |
| | Diagonal | 108.0 cm (16:9 aspect ratio) |
| | Panel Type | TFT Farb-LCD Panel with DICOM Preset |
| | Native Resolution | 3840 x 2160 (UHD) |
| | Display Colors | 1.07 billion colors |
| | Pixel Pitch | 0.245 mm x 0.245 mm |
| | Brightness (typical) | 700 cd/m ² |
| | Contrast Ratio (typical) | 1000:1 |
| | Viewing Angles (H / V, maximum) | 178°, 178° |
| | Response Time (typical) | 9.0 ms (Gray-to-Gray) |
| Backlight | LED | |
| Signal Inputs | DisplayPort 1.2 x 2, DVI-D Single Link, HDMI 1.4, HDMI 2.0 x 2, VGA | |
| Touchscreen | Projected capacitive, multi-touch (SP1-434KT only) | |
| 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 10 Pro | |
| 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 | Standard | Main switch (front side) System switch (front side) LUT button (front side) |
| | VMbasic (optional) | Video input button (front side): DisplayPort 1.2, HDMI 2.0, HDMI 1.4, VGA, DVI Single Link Layout button (front side): PiP, PaP, LR, TB, Quadsplit, Single Select button (front side) |
| Maximum Power Consumption | 220.0 W | |
| Power Requirements | 100 - 240 V / 50 - 60 Hz / 4 - 2 A | |
| Thermal Load | 792.0 kJ/h | |
| Net Weight | 70 kg | |
| Certifications & Standards <small>(Please contact EIZO for the latest information)</small> | CE, IEC/EN 62368-1, IEC/EN 60601-1-2, RoHS, WEEE | |
| Dimensions (mm) | Niche (WxHxD) | 1276.4 x 834.5 x 140 |
| | Device (WxHxD) | 1266.4 x 824.5 x 120 |

Dimensions (mm)



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