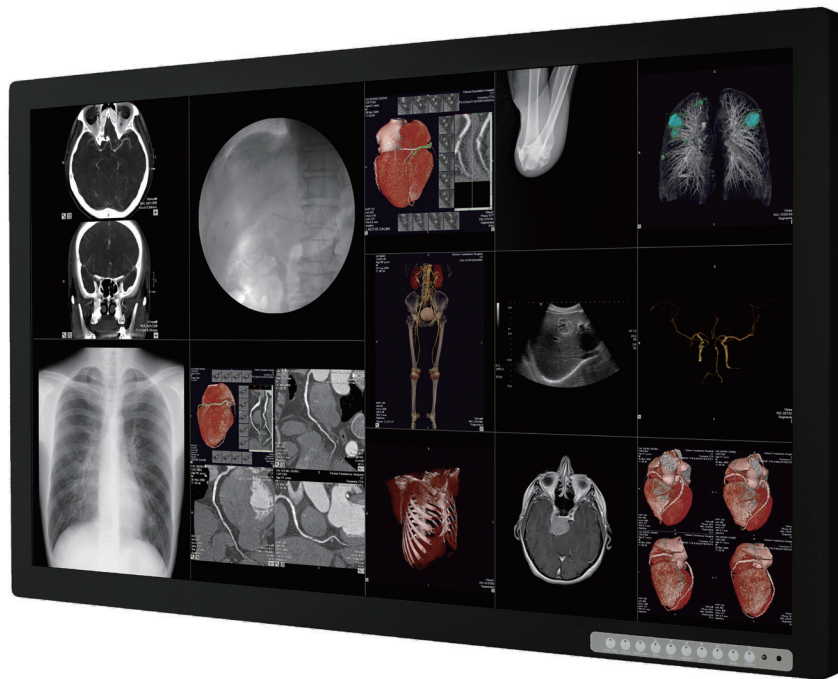


## SC421x

42" Color Surgical Display



***Clinically Focused, Advanced,  
Easy to Experience***

Enhance case support through real time team viewing of multiple sources

## Clinically Focused

The SC421x 42" FHD Surgical Display supports team viewing of one or more sources to improve workflow through coordinated case support. Experience life-like images through;

- Wide screen enhances viewing of one or more sources.
- 1080P FHD Resolution.
- High brightness and contrast improves depth perception and deep cavity details.
- **ClearView<sup>AR</sup>** delivers clear, crisp images to reduce eye fatigue.
- Contrasting enclosure reduces eye fatigue.

## Easy to Experience

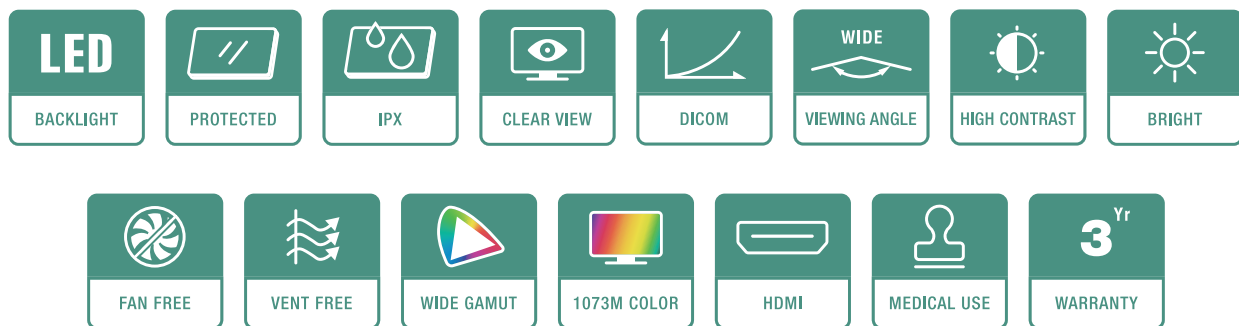
TLGC surgical displays are easy to install, operate, and maintain. Built with proven componentry and established manufacturing practices, each SC421x is thoroughly tested prior to Customer shipment and is backed by TLGC's commitment to quality and satisfaction.

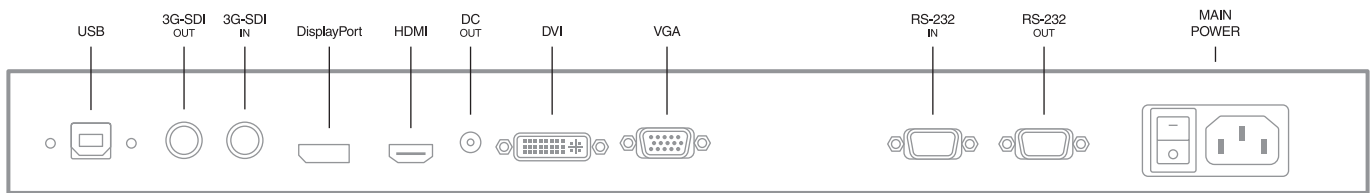
- 42" wide angle screen supports team viewing from in-field, circulating and anesthesia locations.
- Universal Connectivity: DVI, HDMI, DP, VGA, S-Video, SDI, RGBS, CVBS for direct connect and back up support.
- **QuickConnect\*** Power Management reduces installation times and improves reliable operation. \*Optional
- Device Control Interface improves workflow.
- Conforms to IEC 60601 Safety & Quality certifications ensure years of reliable operation.

## Advanced

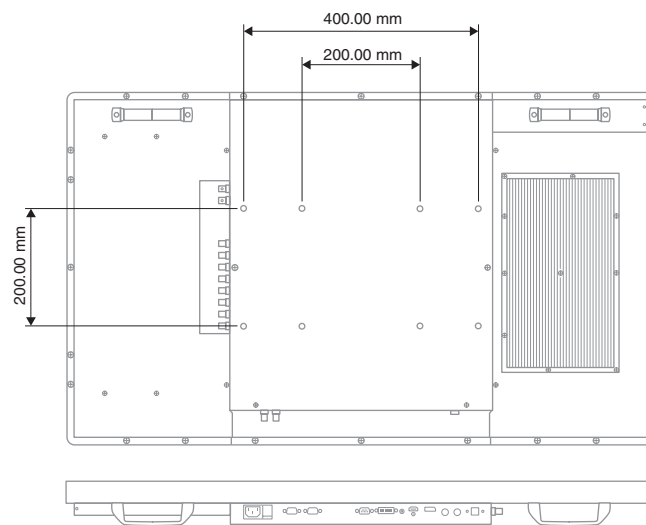
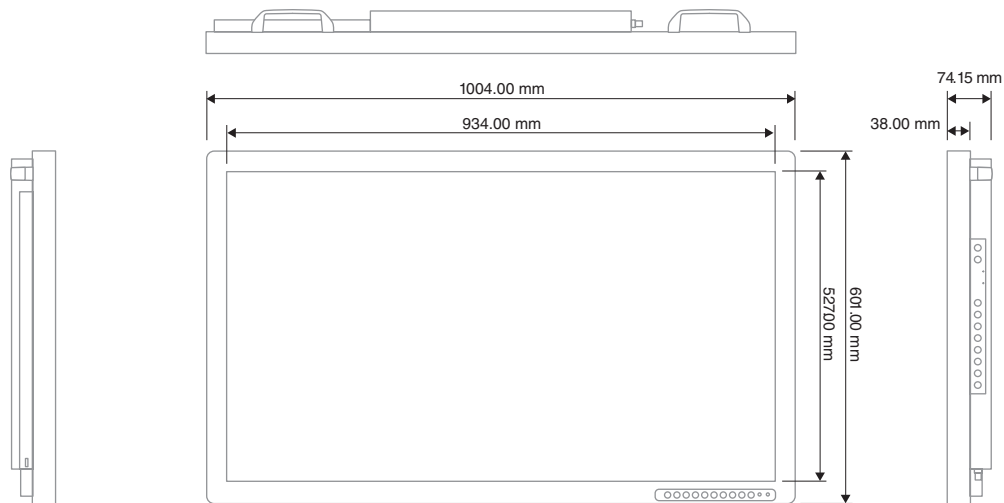
Configured with industry leading Surgical Ready features required by the most demanding medical environments.

- Sealed Design protects against ingress and simplifies disinfection.
- Vent Free enclosure decreases the risk of back table contamination.
- AR Glass protects against impact from surgical field equipment.
- Universal Connectivity: H3G-SDI, HDMI, DP, and BNC, for direct connect and back up support.





*Optik View displays have the connections you need. All major inputs are accepted via the back side connection panel.*



## SPECIFICATIONS

Category		Specifications
Panel spec	Type Resolution Active Screen Size (inch) Display Area (mm) Pixel Pitch (mm) Viewing Angel (degree) Response Time (ms) Brightness (cd/m2) Contrast Ratio Color Gamut Display Colors (bits)	TFT color, active matrix (super MVA technology) 1920 x 1080 42.02 inches diagonal 930.24 (H) x 523.26 (V) mm 0.4845mm x 0.4845mm 178(H)/178(V) 8 GTG (Typ.) 500(Typ.) 4000:1 (Typ.) NTSC 72% 1073M (8 bit + Hi-FRC)
I/O Interface	DVI HDMI DP VGA CVBS (BNC)(In)(Out) S-Video(4pins Mini-Din)(In)(Out) RGBS/YPbPr(BNC)(In)(Out) SDI/HD/3G-SDI(BNC)(In)(Out) USB Hub Serial Remote	DVI-I 29 pin (x1) (DVI-A/DVI-D) HDMI1.2 (x1) DP1.1 (x1) D-Sub 15-pin mini (x1) (RGB Analog)  4-pin Mini-Din (x1); BNC (x1) RGBS/YPbPr In BNC (x5) / RGBS/YPbPr Out (x3) 3G-SDI In BNC (x1) / 3G-SDI Out (1x)  RS-232, D-Sub 9-pin mini x 2 In (x1) / Out (x1)
Features	Color Temp. Adjust Gamma Selection  OSD Languages PIP PAP Scaling OverScan User Color Adjust HDMI Video Format Gamma LUT Table (bits)	6500K, 7500K, 8200K, 9300K, Natural, User DICOM, DICOM-CLEAR, DICOM-BLUE, LIGHT BOX, TEXT, USER English, Chinese, French, German, Italian, Spanish, Japanese
Power Requirements	Power Supply Power Consumption (W)	AC 100-240V, 50 ~ 60 Hz <100W (On) / <1W (Power Save)
Physical Characteristics	Protection Shield Dimensions(WxHxD) (mm) Weight (Kg) IP Rating VESA Mounting (mm) Touch Type Touch Interface Color (bezel/Enclosure) Cable Cover	AR protective PMMA glass 1004 x 601 x 74.15(w/o Stand) 29.5 (w/o Stand) IPX1 (front) 400x200  Black/Black or White/White
Environmental	Operating Temperature (°C) Operating Humidity (RH) Storage Temperature (°C) Storage Humidity (RH)	5 to 35 30% to 75% -20 to 60 10% to 90%
Other	Certifications and Compliances  Auxillary Power	cTÜVus (ANSI/AAMI ES 60601-1 3.1rd, CAN/CSA C22.2 No. 60601-1), CB (IEC 60601-1, IEC 60950-1), TUV/ RH (EN 60601-1), CE, FCC, BSMI, CCC, VCCI, RoHS, WEEE 5V

\* included in SC4212. Not included in SC4211

\*\*Optik View Display can be customized to meet your unique specifications.

\*\*Specification are subject to change without notice.