

Optik View®

SC27210

27" (FHD) Color Surgical Display

WWW.TLGC.COM



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

Designed for near patient, real time visualization



THE LINDEN GROUP

Your Partner In Design & Development Solutions

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Clinically Focused

The SC27210 27" FHD Surgical Display provides surgeons with high definition, color accurate, high contrast visualization designed to enhanced edge delineation, improve depth perception and enhance decision making confidence. Experience clear, crisp, realistic images through;

- 1080P FHD Resolution.
- High Brightness for optimal viewing in all light conditions.
- **ClearView^{AR}** delivers clear, crisp images to reduce eye fatigue.
- High Contrast improves depth perception and deep cavity details.

Easy to Experience

Our surgical displays are built to voice-of-customer input using proven componentry and established manufacturing practices. Each SC27210 is thoroughly tested prior to Customer shipment and is backed by TLGC's commitment to quality and satisfaction.

- Lightweight, slim design with standard VESA for single and dual yoke suspension systems.
- **QuickConnect*** Power Management reduces installation times and improves reliable operation. *Optional
- **CoverGuard** cable management protects cables against unintended contact and simplifies service access.
- 5v & 12v DC negates the need to run Rx Modem power.
- Device Control Interface improves workflow.
- Auto-sync ensures native signal integrity.

Advanced

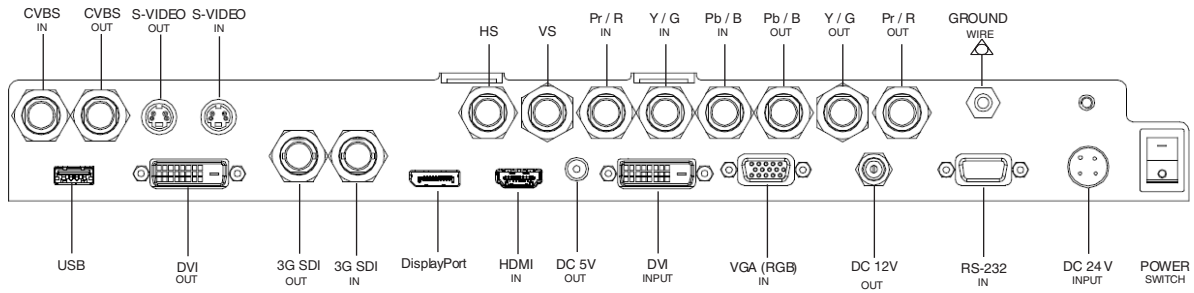
Designed for in field / near patient use, the true-flat front design features a totally sealed display that prevents ingress and ensures quick and easy cleaning. The monitor is also designed to reduce the risk of dust contamination through its fan and vent free design. Its impact shield, cable cover, and rugged enclosure protect the display against common collisions.

- IPX5 rated offers a splash proof viewing area designed to prevent ingress and ensures quick and is easy to clean.
- Fan Free to reduce the risk of dust contamination.
- AR Protective Cover protects against impact from surgical field equipment.
- Conforms to IEC 60601 Safety & Quality certifications to ensure years of reliable operation.

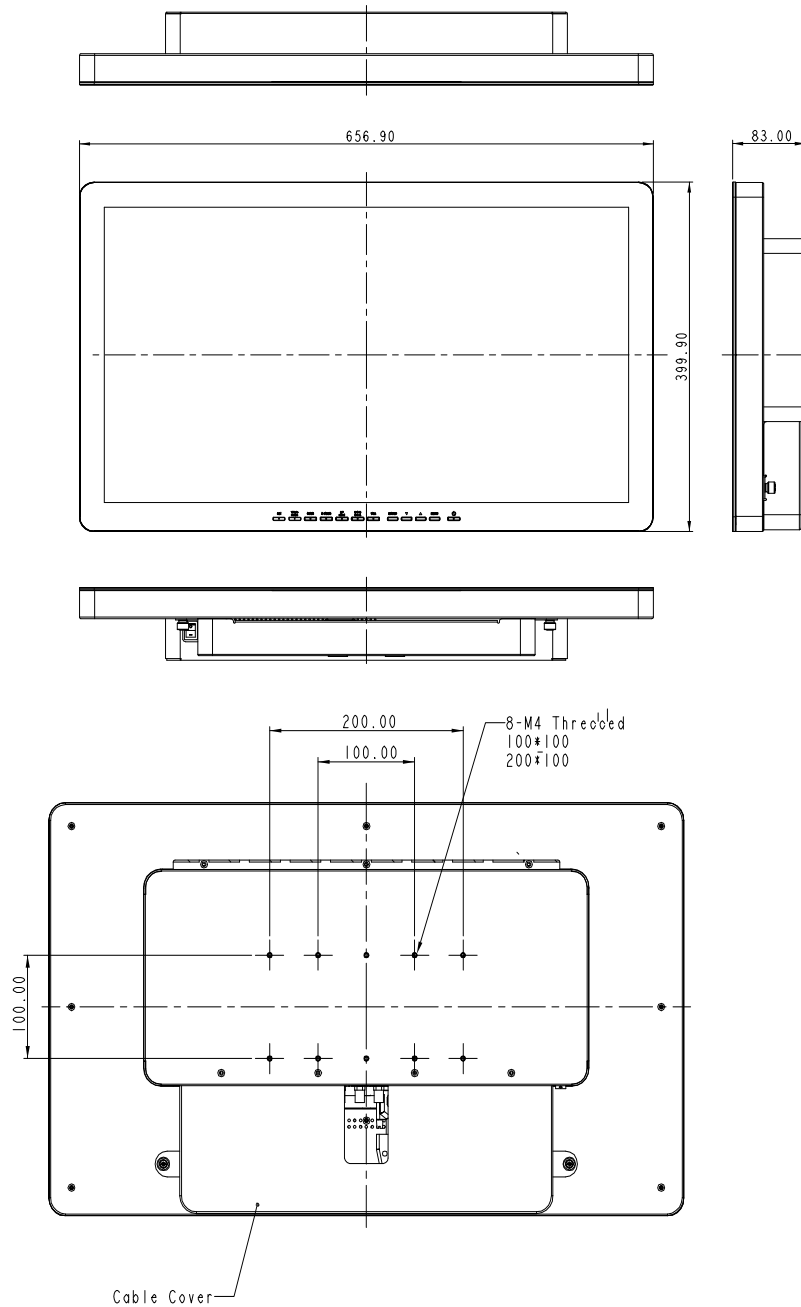


LED BACKLIGHT	 PROTECTED	 IPX	 CLEAR VIEW	 CoverGuard	 DICOM	 WIDE VIEWING ANGLE	 HIGH CONTRAST	 FAN FREE
 SELF CALIBRATION	 BRIGHT	 WIDE GAMUT	10 ^{BIT} PER COLOR	 HDMI	 DVI	 VGA	 MEDICAL USE	3 ^{Yr} WARRANTY





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 Screen Size (inch) Display Area (mm) Pixwl Pitch (mm) Viewing Angel (degree) Response Time (ms) Brightness (cd/m2) Contrast Ratio Color Gamut Color Depth (bits)	AHVA 1920(H)x1080(V) 27 576(H)x324(V) 0.3114(H)x0.3114(V) 178(H)/178(V) 14 (on/off) 1000(typ.) 1000:1(typ.) NTSC 87% 1073M (10 bit)
I/O Interface	DVI HDMI DP VGA Composite (BNC) S-Video (4pins Mini-Din) RGBS/YPbPr(BNC) SDI (BNC) Serial Remote IR Remote Control Audio	DVI-I in x1 and out x1 HDMI1.3 in x1 DP1.1 in x1 D-Sub15 in x1 in x1 out x1 in x1 out x1 in x5 out x3 3G-SDI in x1 out x1 RS232 (D-Sub 9pin) N/A N/A
Features	Color Temperature Gamma Selection Gamma LUT (bits) Calibrated Brightness (cd/m²) Luminance Stabilize Sensor Scaling Mode Multi-Display Mode Color Tracking Uniformity Compensation Self Calibration Auto Gamma DC Output OSD Languages Speaker	Natural/6500K/7500K/8200K/9300K/User Native/1.8/2.0/2.2/DICOM 12 N/A N/A Full Screen/Aspect Ratio/Native PIP/PAP Yes N/A Yes N/A 5V and 12V English/Spanish/French/German/Italian/ Chinese(simplified)/Japanese N/A
Power Requirements	Power Supply Power Consumption (W)	DC 24V 70w(Max)
Physical Characteristics	Dimensions (WxHxD) (mm) VESA Mounting (mm) Weight (Kg) ID Color Screen Protection Surface Coating IP Rating (Front) IP Rating (Back Cover)	656.9*399.9*83 (w/o Stand) 100x100/200x100 8.6 (w/o Stand) White Glass AR (Transmittance >= 96%) IPx5 IPx2
Reliability	Operating Trmperature (oC) Operating Humidity (RH) Storage Temperature (oC) Storage Humidity (RH)	10 to 40 30% to 75% -20 to 60 10% to 90%
Certifications and Compliances	cTUVus(60601 Ed3.1), CB(60601 Ed3.1), CB(60950 Ed2), CE,FCC-B,VCCI-B, CCC,BSMI	

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

**Specification are subject to change without notice.

