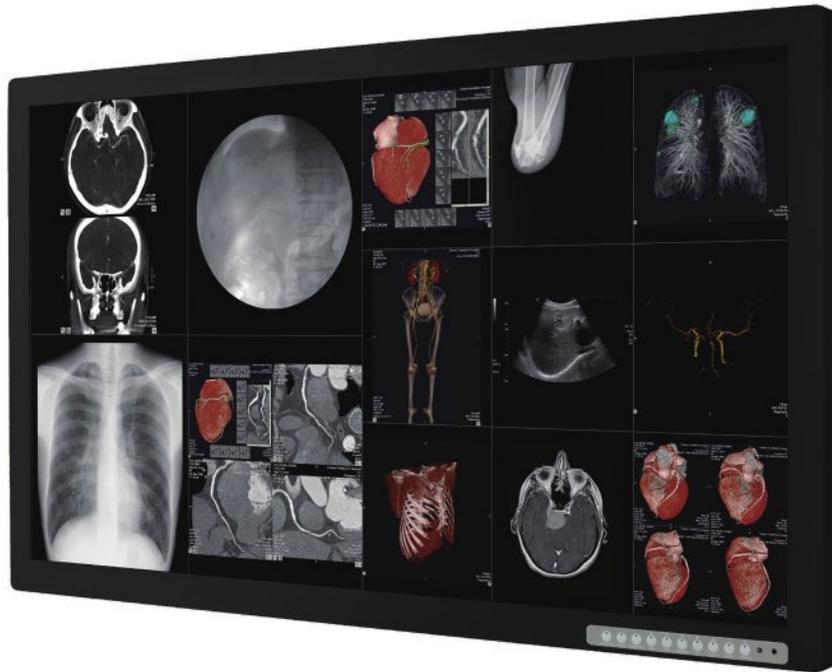


SC55820

55" 4K Color Surgical Display

WWW.TLGC.COM



*Clinically Focused, Advanced,
Easy to Experience*

Enhance case support through real time team viewing of multiple sources



THE LINDEN GROUP

Your Partner In Design & Development Solutions

www.tlgc.com

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Clinically Focused

Designed to enhance procedure guidance and in-room education during minimally invasive procedures, the SC55820 4K UHD Surgical Display supports team viewing of one or more sources to improve workflow through coordinated case support. This 55" 4K UHD Display delivers vivid, precise, and consistently uniform video, and life-like images through;

- 4K UHD Resolution improves sharpness.
- High brightness and contrast improves depth perception and deep cavity details.
- **ClearView** AR delivers clear, crisp images to reduce eye fatigue.
- Contrasting enclosure reduces eye fatigue.
- Conforms to IEC 60601 Safety & Quality certifications ensure years of reliable operation.

Easy to Experience

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

- 55" 4K UHD display supports team viewing from in-field, circulating and anesthesia locations.
- 5v and 12v DC negates the need to run Rx Modem power.
- CoverGuard cable management protects cables against unintended contact and simplifies service access.

Advanced

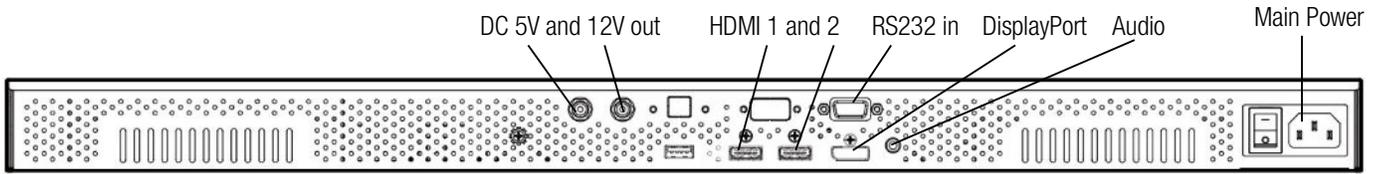
Configured with industry leading Surgical Ready features required by the most demanding medical environments.

- Vent Free enclosure decreases the risk of back table contamination.
- AR Glass protects against impact from surgical field equipment. (optional)
- Device Control Interface improves workflow.

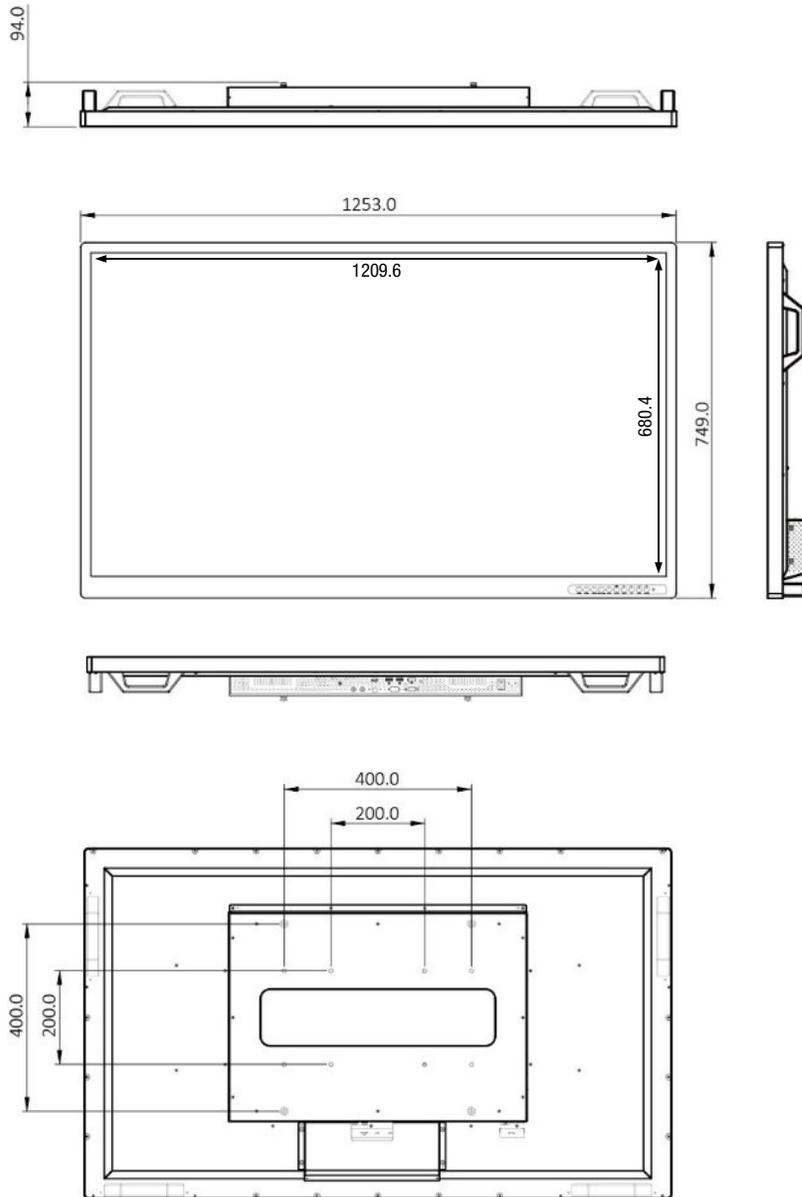


LED BACKLIGHT	 PROTECTED	 IPX (optional)	 CLEAR VIEW	 DICOM	 WIDE VIEWING ANGLE	4K UHD	 HIGH CONTRAST
 BRIGHT	 NTSC 72%	 1.07B COLOR	 FAN FREE	 VENT FREE	 HDMI 2.0	 MEDICAL USE	3 ^{Yr} WARRANTY





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 Active Screen Size Display Area (mm) Pixel Pitch (mm) Viewing Angle (degree) Response Time (ms) Brightness (cd/m2) Contrast Ratio Color Gamut Display Colors	TFT color, active matrix 3840 x 2160 54.6 inches diagonal 1209.6 (H) x 680.4 (V) mm 0.315 x 0.315 178(H)/178(V) 8.5 (Typ.) 500 (Typ.), 400 (Min.) 4000:1 (Typ.) NTSC 72% 1.07B (8-bit+FRC)
I/O Interface	DP HDMI Audio VGA DVI CVBS (BNC) S-Video (4pins Mini-Din) RGBS/YPbPr (BNC) SDI/HD/3G-SDI (BNC) USB Hub Serial Remote	DP 1.2 (x1) HDMI 2.0 (x2) 3.5mm stereo phone jack N/A N/A N/A N/A N/A N/A Service connection only RS-232, D-Sub 9-pin mini
Features	Color Temp. Adjust Gamma Selection OSD Languages PIP PAP Scaling OverScan User Color Adjust HDMI Video Format Gamma LUT Table (bits) Speakers	6500K, 7500K, 8200K, 9300K, Natural, User 1.8, 2.0, 2.2, DICOM, Light Box English, Chinese, French, German, Italian, Spanish, Japanese N/A Full, 5:4, 4:3, 16:9, 1:1, Aspect Ratio RGB RGB/YCbCr 14 Yes
Power Requirements	Power Supply Power Consumption (W)	In 100-240VAC, 4A (max), 50~60Hz / Out 24Vdc, 12.5A <190 (max) / <5W (stand-by)
Physical Characteristics	Protection Shield Dimensions(W×H×D) (mm) Weight (Kg) IP Rating VESA Mounting (mm) Touch Type Touch Interface Color (bezel/enclosure) Cable Cover	AR protective glass (optional) 1253 x 749 x 94mm (without Stand) 29.5kg ± 0.3kg (without Stand or Glass) IPx1 front (optional; with Glass) 400x400, 400x200 or 200x200 N/A N/A Black/Black or White/White Yes
Environmental	Operating Temperature (°C) Operating Humidity (RH) Storage Temperature (°C) Storage Humidity (RH)	0 to 40 30% to 75% -20 to 60 10% to 90%
Other	Certifications and Compliances Auxillary Power	EN 60601-1:2006+A11:2011+A1:2013+A12:2014, IEC 60601-1: 2005 + CORR. 1 (2006) + CORR. 2 (2007) + AM1(2012), ANSI/AAMI ES60601-1:2005+A2(R2012)+A1, CAN/CSA-C22.2 No. 60601 1:14, EN 60601-1 2 (2015), IEC 60601-1 2 (2014), UL62368-1 2nd Edition, CAN/CSA C22.2 No. 62368 1 14 2nd Edition, FCC CFR 47 Part 15 Subpart B (Level B), RoHS (2011/65/EU & 2015/863/EU), GB4943.1-2011; GB9254 2008; GB17625.1 2012, CCC 5V, 12V

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

**Specification are subject to change without notice.

