Optik View®

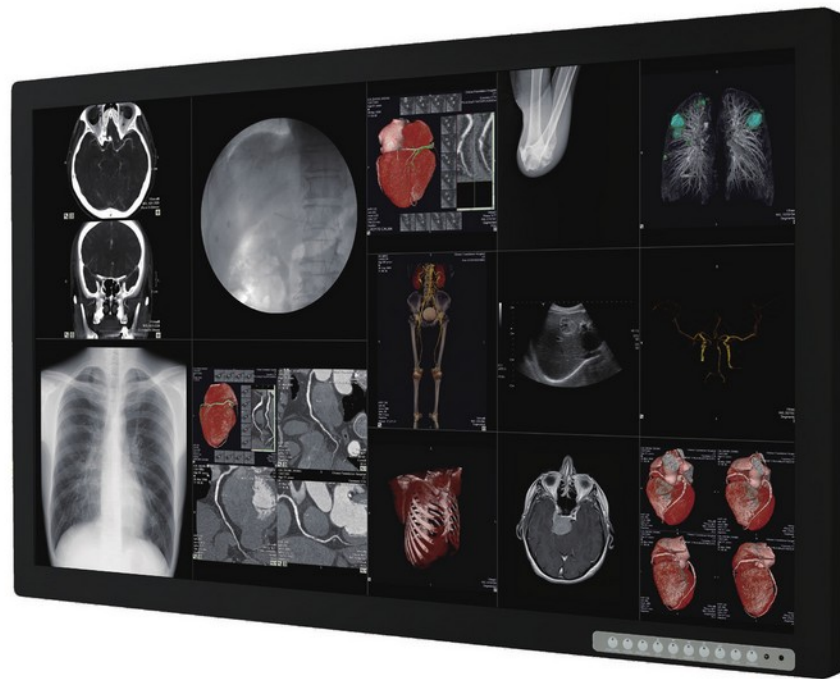# SC55820

55" 4K Color Surgical Display

Clinically Focused, Advanced, Easy to Experience

Enhance case support through real time team viewing of multiple sources

CIRRO
MEDICAL SYSTEMS

Cirro Medical Systems, LLC
1464 NW 82nd Ave. Doral, FL 33126
Tel. 1 (305) 330-5025 - www.cirromedical.com

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.
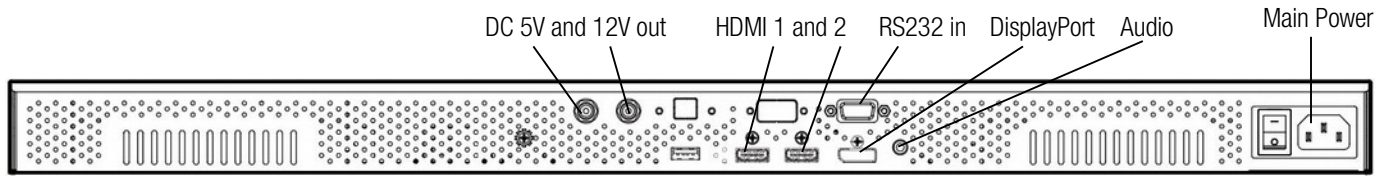
Advanced

Configured with industry leading Surgical Ready features required by the most demanding medical environments.
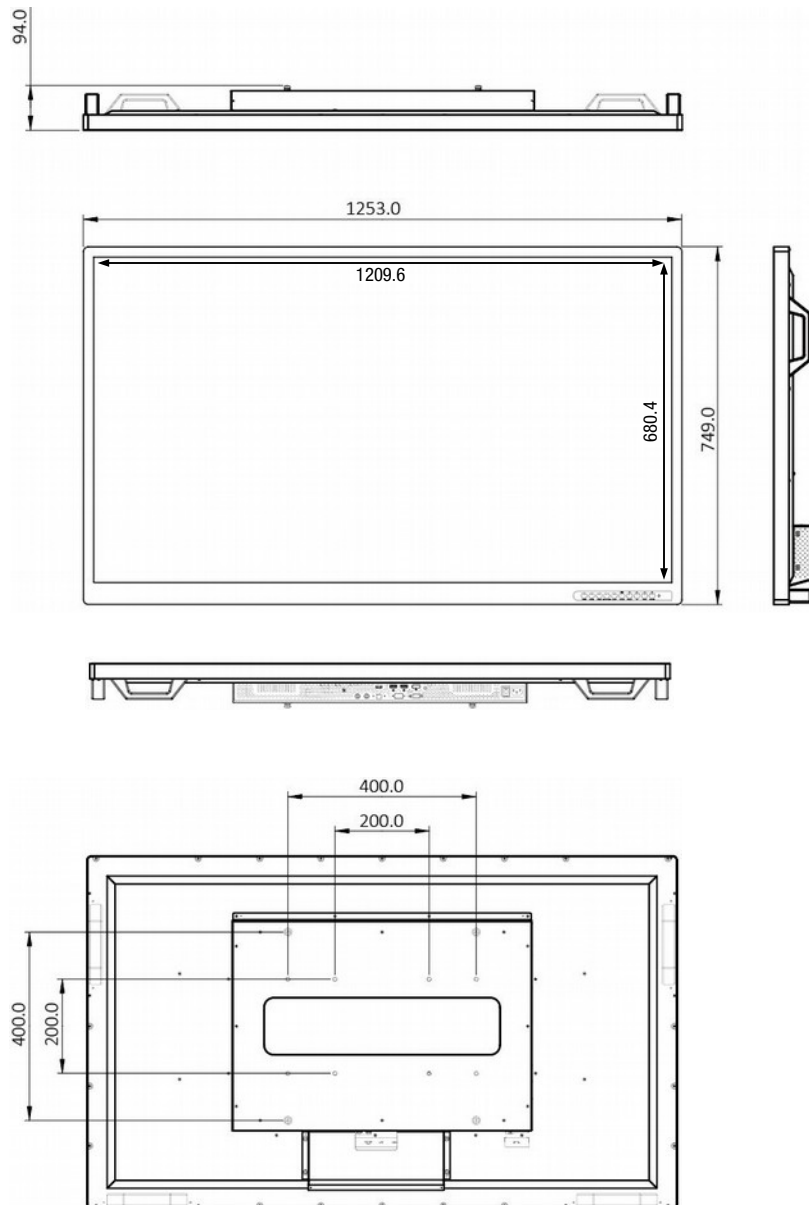
- Vent Free enclosure decreases the risk of back table contamination.
- AR Glass protects against impact from surgical field equipment. (optional)
- Device Control Interface improves workflow.

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

DC 5V and 12V out   HDMI 1 and 2   RS232 in   DisplayPort   Audio   Main Power

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

94.0

1253.0

1209.6

680.4

749.0

400.0

200.0

400.0

200.0

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SPECIFICATIONS

Category		Specifications
Panel spec	Type	TFT color, active matrix
	Resolution	3840 x 2160
	Active Screen Size	54.6 inches diagonal
	Display Area (mm)	1209.6 (H) x 680.4 (V) mm
	Pixel Pitch (mm)	0.315 x 0.315
	Viewing Angle (degree)	178(H)/178(V)
	Response Time (ms)	8.5 (Typ.)
	Brightness (cd/m2)	500 (Typ.), 400 (Min.)
	Contrast Ratio	4000:1 (Typ.)
	Color Gamut	NTSC 72%
	Display Colors	1.07B (8-bit+FRC)
I/O Interface	DP	DP 1.2 (x1)
	HDMI	HDMI 2.0 (x2)
	Audio	3.5mm stereo phone jack
	VGA	N/A
	DVI	N/A
	CVBS (BNC)	N/A
	S-Video (4pins Mini-Din)	N/A
	RGBS/YPbPr (BNC)	N/A
	SDI/HD/3G-SDI (BNC)	N/A
	USB Hub	Service connection only
	Serial Remote	RS-232, D-Sub 9-pin mini
Features	Color Temp. Adjust	6500K, 7500K, 8200K, 9300K, Natural, User
	Gamma Selection	1.8, 2.0, 2.2, DICOM, Light Box
	OSD Languages	English, Chinese, French, German, Italian, Spanish, Japanese
	PIP PAP	N/A
	Scaling OverScan	Full, 5:4, 4:3, 16:9, 1:1, Aspect Ratio
	User Color Adjust	RGB
	HDMI Video Format	RGB/YCbCr
	Gamma LUT Table (bits)	14
Power Requirements	Power Supply	In 100-240VAC, 4A (max), 50~60Hz / Out 24Vdc, 12.5A
	Power Consumption (W)	<190 (max) / <5W (stand-by)
Physical Characteristics	Protection Shield	AR protective glass (optional)
	Dimensions(W×H×D) (mm)	1253 x 749 x 94mm (without Stand)
	Weight (Kg)	29.5kg ± 0.3kg (without Stand or Glass)
	IP Rating	IPx1 front (optional; with Glass)
	VESA Mounting (mm)	400x400, 400x200 or 200x200
	Touch Type	N/A
	Touch Interface	N/A
	Color (bezel/enclosure)	Black/Black or White/White
	Cable Cover	Yes
Environmental	Operating Temperature (°C)	0 to 40
	Operating Humidity (RH)	30% to 75%
	Storage Temperature (°C)	-20 to 60
	Storage Humidity (RH)	10% to 90%
Other	Certifications and Compliances	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
	Auxillary Power	5V, 12V

*Optik View Display can be customized to meet your unique specifications.
**Specification are subject to change without notice.