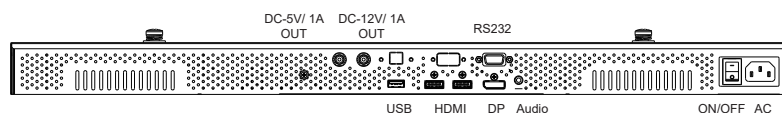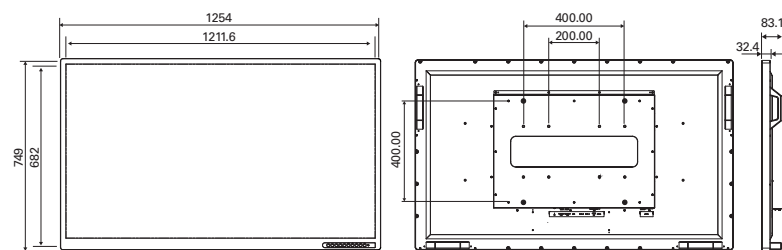# 55″4K

SC55822/RUH5512AMI

Sharp and clear 4K image quality with durability

Thanks to the brightness calibration and the luminance stabilize sensor, this 55-inch real 4K and fanless display is durable and always showing a stable, sharp, and clear image quality even if the display were to use for long hours. With its outstanding color tracking, colors and images are precise and realistic, as surgeons saw it with their own naked eyes.

Lightweight and economical large-size 4K display

With its lightweight, almost comparable with the weight of a 42-inch one, and physical handle at the back, installation or mounting on surgical booms or ceiling became easy. Its built-in 10W speaker and 3.5mm audio input jack not only can be used to play audio or videos, but it can also be an asset for a better interaction in remote medical consultation or educational purposes surgery.

(Unit: mm)

Model Name		SC55822/ SC55821(Glass)
ID Type		Bezel
Panel Spec	Type	MVA
	Resolution	3840(H)x2160(V)
	Screen Size	55
	Display Area (mm)	1209.6(H)x680.4(V)
	Pixel Pitch (mm)	0.315(H)x0.315(V)
	Viewing Angle (degree)	178(H)/178(V)
	Response Time (ms)	8.5 (G to G)
	Brightness (cd/m²)	700(typ.)
	Contrast Ratio	4000:1(typ.)
	Color Depth (bits)	NTSC 72%
	Color Gamut (%)	10(8bit + FRC)
I/O Interface	DVI	N/A
	HDMI	HDMI2.0 in x2
	DP	DP1.2 in x1
	VGA	N/A
	Composite (BNC)	N/A
	S-Video (4 pins Mini-Din)	N/A
	RGBS/YPbPr (BNC)	N/A
	SDI(BNC)	N/A
	Serial Remote	RS232(D-sub 9pin)
	IR Remote Control	Yes
	Audio	3.5mm
Features	Color Temperature	6500K/7500K/8200K/9300K/User
	Gamma Selection	Native/1.8/2.0/2.2/DICOM
	Gamma LUT (bits)	14
	Color Space	Native
	Calibrated Brightness (cd/m²)	300/400
	Luminance Stabilize Sensor	Backlight Sensor
	Scaling Mode	Full Screen/Aspect Ratio/5:4/4:3/16:9/1:1
	Display Mode	N/A
	Color Tracking	Yes
	Uniformity Compensation	N/A
	Self Calibration	N/A
	DC Output	12V/5V
	OSD Languages	English/Spanish/French/German/Italian/Japanese
	Speaker	10W Speaker
Power Requirements	Power Supply	AC 100V~240V
	Power Consumption (W)	190(Max)
Physical Characteristics	Dimensions (W×H×D) (mm)	1254 x 749 x 94(w/o Stand)
	VESA Mounting (mm)	400x400/400x200
	Weight (Kg)	29.5(w/o Stand)
	ID Color	Black
	Screen Protection	Glass(Option)
	Surface Coating	AR(Option)
	Bonding	Air Bonding
	IP Rating (Front)/ (Back)	N/A, N/A
Reliability	Operating Temperature (°C)	10 to 40	Operating Humidity (RH)	-20 to 60
	Storage Temperature (°C)	30% to 75%	Storage Humidity (RH)	10% to 90%
Certifications and Compliances		ANSI/AAMI ES60601-1;CAN/CSA-C22.2 60601-1, CB(IEC 60601-1;IEC 62368), CE(EN 60601-1-2;EN 60601-1;EN62368-1; EN55032;EN55035), FCC Part 15, CCC, ROHS, WEEE

ALS · **Color tracking** · **RS232 Remote Control** · **Protected** · **AR Coating** · **User Presets** · **Scaling Mode** · **Fanless** · **CoverGuard** · **5/12V DC Output**