

# 27" 4K UHD Monitor

WINMATE



**SCIENCE  
GATE**  
Your Automation Partner



SCIGATE AUTOMATION (S) PTE LTD

No.1 Bukit Batok Street 22 #01-01 Singapore 659592

Tel: (65) 6561 0488

Fax: (65) 6562 0588

Email: sales@scigate.com.sg

Web: www.scigate.com.sg

Business Hours: Monday - Friday 8.30am - 6.15pm

Update your OR with  
the newest display technologies

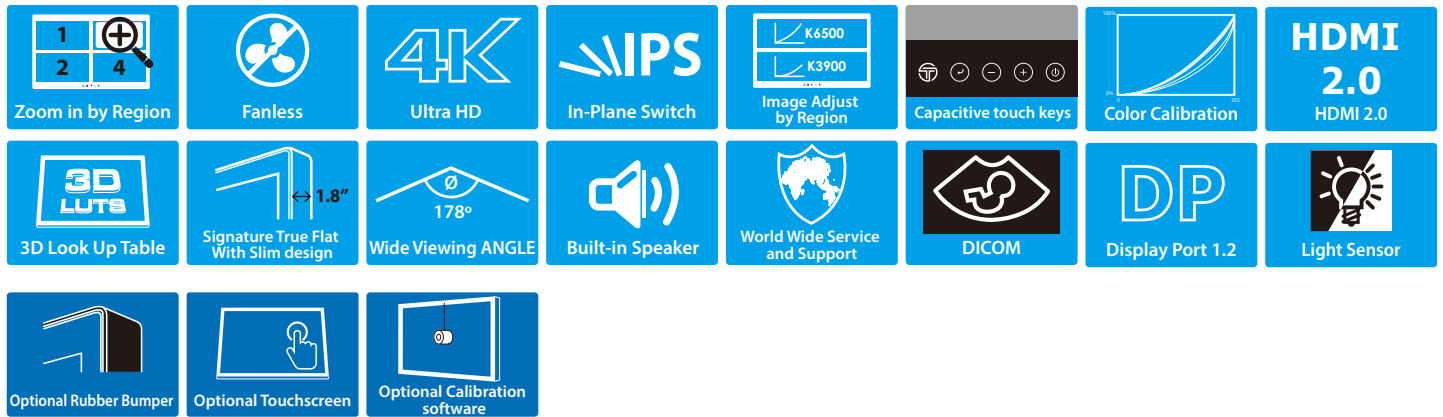
## Product Features

- 27" Display with UHD 4K (3840 x 2160) native resolution for video display, medical training, and other on-site applications
- Thin and compact design with impact resistant screen
- 3D Look Up Table (LUT) providing rich and deep depth perception
- Built in stereo speakers and common 3.5mm input and output jacks, will alleviate the issue for an additional speaker system
- Fanless and ventless design, easy-to-clean
- Compatible with existing imaging systems
- Antimicrobial Surface Coating

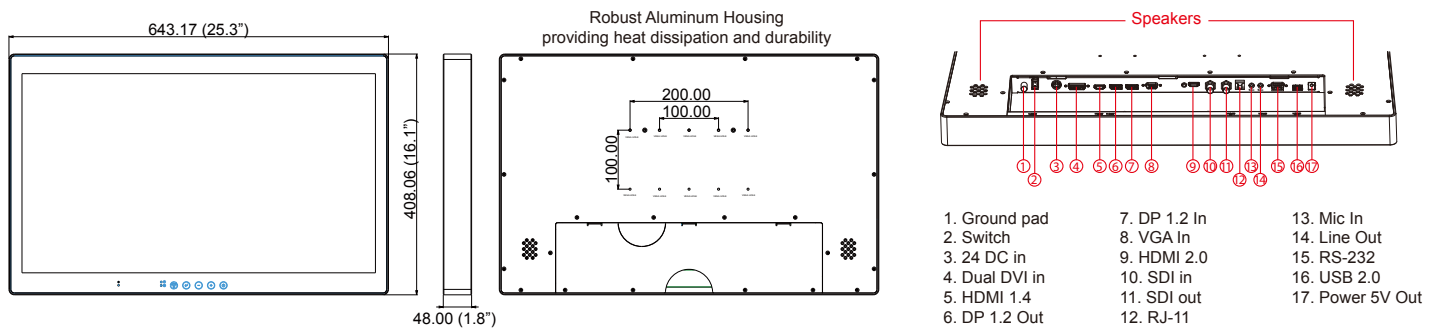


Solving challenges in the hospital with the right technology. Technology has long played an imperative role in streamlining hospital operations and improving patient care. Medical personnel need to be assured that each image, or streaming images, being viewed are an accurate depiction of the tissue and bone being studied.

Designed for surgical suites demanding reliability and the latest technology.



## Mechanical Drawing



## Product Specifications

<b>Screen Technology</b>	<ul style="list-style-type: none"> <li>LED Backlight Technology, TFT Active-matrix, Widescreen, IPS Technology</li> <li>Optional for Visual and Safety Enhancement Layer (VSEL) Bonding</li> </ul>
<b>Viewable Size</b>	27" diagonal
<b>Active Area</b>	596.16 (H) x 335.34 (V) mm
<b>Native Resolution</b>	3840 x 2160 (UHD 4K)
<b>Pixel Pitch</b>	155.25 (H) x 155.25 (V) um
<b>Aspect Ratio</b>	16:9, Full, 16:10, 4:3, 5:4, 1:1
<b>Response Time</b>	12ms (Gray to Gray)
<b>Light Intensity</b>	300 cd/m <sup>2</sup> (typ) Optional for 700cd/m <sup>2</sup> (typ) or higher
<b>Contrast Ratio</b>	1000:1 (typ)
<b>View Angle</b>	89/89/89/89
<b>Max Colors</b>	1.07B
<b>Synchronization Signal Auto-detect</b>	Digital Separate Sync., Composite Sync., Sync. On Green
<b>Color Profiles</b>	3D LUT profile selection + 6 general user color schemes
<b>Optimal Resolution and Hz</b>	3840 x 2160 @ 60 Hz 4:4:4
<b>Detectable Resolutions (Partial List)</b>	640 x 480, 720 x 400, 800 x 600, 1024 x 768, 1280 x 1024, 1600 x 1200, 1920 x 1080, 1920 x 1200, 2560 x 1440, 3840 x 2160, 4096 x 2160
<b>Product Features</b>	Backlight sensor, Ambient light sensor, IR Control
<b>Power Specifications</b>	24V DC in 150W, with external 110-240V AC to DC Adapter
<b>User Controls and Activity</b>	Capacitive OSD : Power On/Off, On Screen Display Menu, Brightness Control (-/+)

<b>Input Signal</b>	<ul style="list-style-type: none"> <li>3G SDI*</li> <li>HDMI 2.0</li> <li>DP 1.2</li> <li>Audio In</li> <li>VGA</li> <li>Dual DVI in</li> <li>HDMI 1.4</li> </ul>
<b>Output Signal</b>	<ul style="list-style-type: none"> <li>DP (Multi-Stream Transport)</li> <li>Audio Out</li> <li>5V out</li> <li>3G SDI (Loop Through), support 1080P*</li> </ul>
<b>Product Dimensions</b>	643.17 x 408.06 x 48 mm (25.3 x 16.1 x 1.8 in)
<b>Mounting</b>	VESA mounting 100 x 100mm VESA mounting 200 x 100mm
<b>Product Weight</b>	9.5 Kg (20.9 lbs)
<b>Housing</b>	Antimicrobial Surface Coating
<b>Factory Options</b>	<ul style="list-style-type: none"> <li>Rubber Bumper</li> <li>Projected Capacitive Multitouch, USB touch screen</li> </ul>
<b>Operating Temperature</b>	0 deg.C to 35 deg.C, Humidity up to 95%
<b>Storage Temperature</b>	-20 deg.C to 60 deg.C, Humidity up to 95%
<b>IP Rating</b>	Protection: front IP65 - rear IP22
<b>Type Approval, Testing and Certificates</b>	<ul style="list-style-type: none"> <li>IEC 60601-1:2005 + A1:2015 (Ed. 3.1)</li> <li>IEC 60601-1-6:2010 + A1:2013 (Ed. 3.1)</li> <li>IEC 62366:2007 + A1:2014 (Ed. 1.1)</li> <li>ANSI/AAMI ES60601-1:2005/ A1:2012 and C1:2009/(R)2012 and A2:2010/(R)2012</li> <li>CAN/CSA-C22.2 No.60601-1:14</li> <li>EN606001-1-2</li> <li>EN55032/EN55024, FCC part 15B</li> <li>EN60950-1</li> <li>RoHS-2, REACH, WEEE compliant</li> </ul>



\* Please apply cables which meet the SDI requirements.

Recommend to apply 75 Ohm RG59 cable or above for HD-SDI and 75Ohm RG6 cable for 3G-SDI.