

27" 4K UHD Monitor

WINMATE



Update your OR with
the newest display technologies



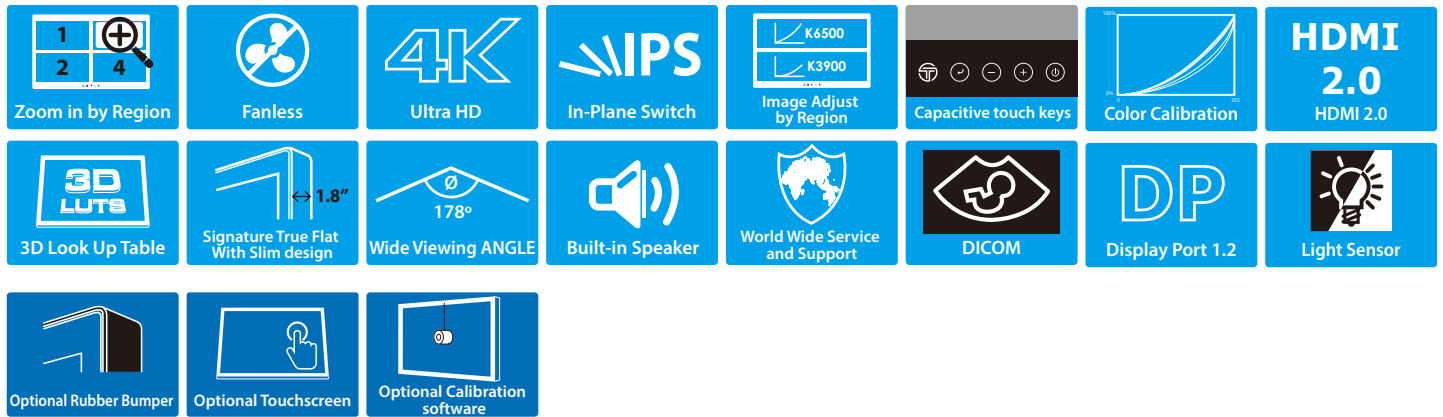
Product Features

- 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

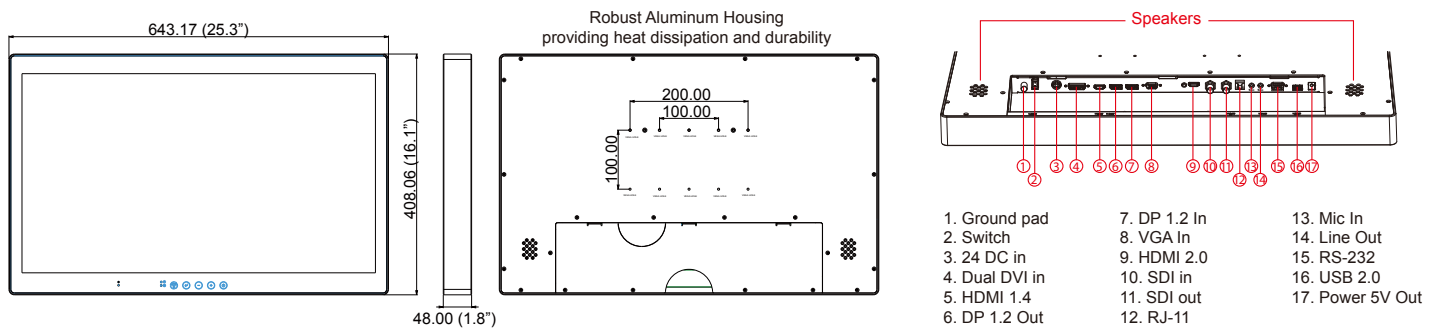


Solving challenges in the hospital with the right technology. Technology has long played an imperative role in streamlining hospital operations and improving patient care. Medical personnel need to be assured that each image, or streaming images, being viewed are an accurate depiction of the tissue and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

Designed for surgical suites demanding reliability and the latest technology.



Mechanical Drawing



Product Specifications

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

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



* 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.