27" 4K UHD Monitor

WINMATE

Color by
PORTRAIT DISPLAYS

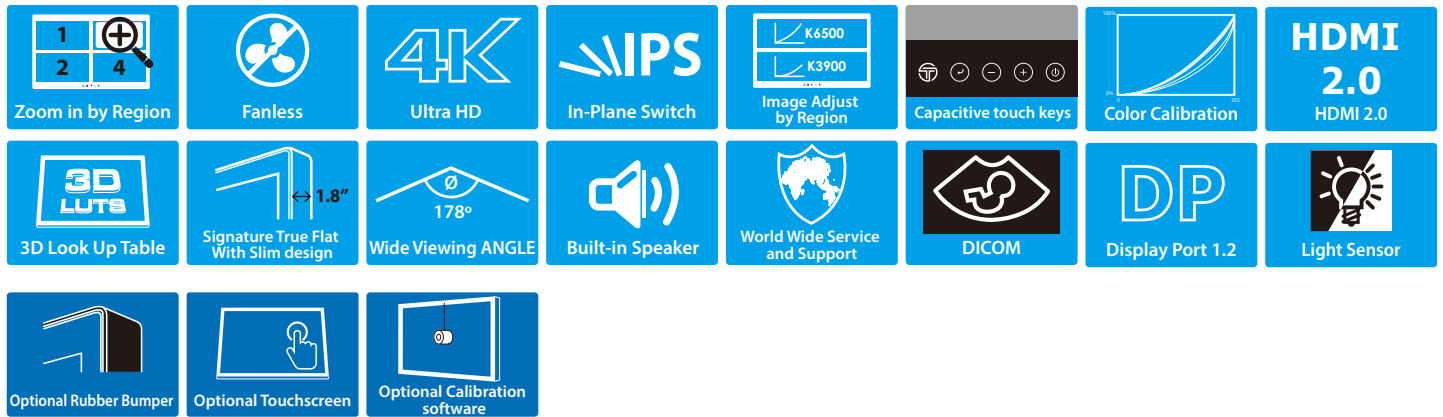## Update your OR with the newest display technologies

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
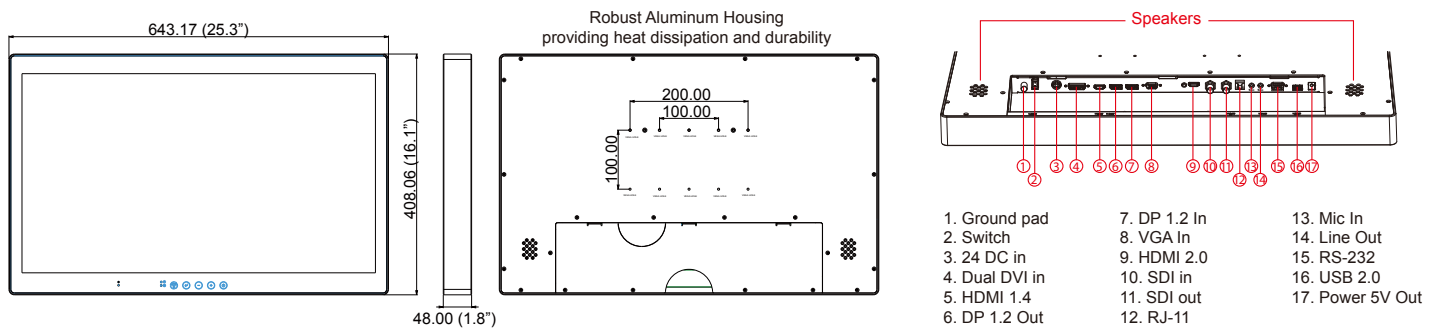- Compatible with existing imaging systems

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.

Zoom in by Region	Fanless	Ultra HD	In-Plane Switch	Image Adjust by Region	Capacitive touch keys	Color Calibration	HDMI 2.0
3D Look Up Table	Signature True Flat With Slim design	Wide Viewing ANGLE	Built-in Speaker	World Wide Service and Support	DICOM	Display Port 1.2	Light Sensor
Optional Rubber Bumper	Optional Touchscreen	Optional Calibration software					

Mechanical Drawing

643.17 (25.3")
408.06 (16.1")
48.00 (1.8")

Robust Aluminum Housing providing heat dissipation and durability

200.00
100.00
100.00

Speakers

1. Ground pad
2. Switch
3. 24 DC in
4. Dual DVI in
5. HDMI 1.4
6. DP 1.2 Out

7. DP 1.2 In
8. VGA In
9. HDMI 2.0
10. SDI in
11. SDI out
12. RJ-11

13. Mic In
14. Line Out
15. RS-232
16. USB 2.0
17. Power 5V Out

Product Specifications

Screen Technology	• 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/m² (typ) Optional for 700cd/m2 (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	• 3G SDI • HDMI 2.0 • DP 1.2 • Audio In	• VGA • Dual DVI in • HDMI 1.4
Output Signal	• 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)	
Factory Options	• 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	• 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	

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