32" 4K UHD Monitor

WINMATE

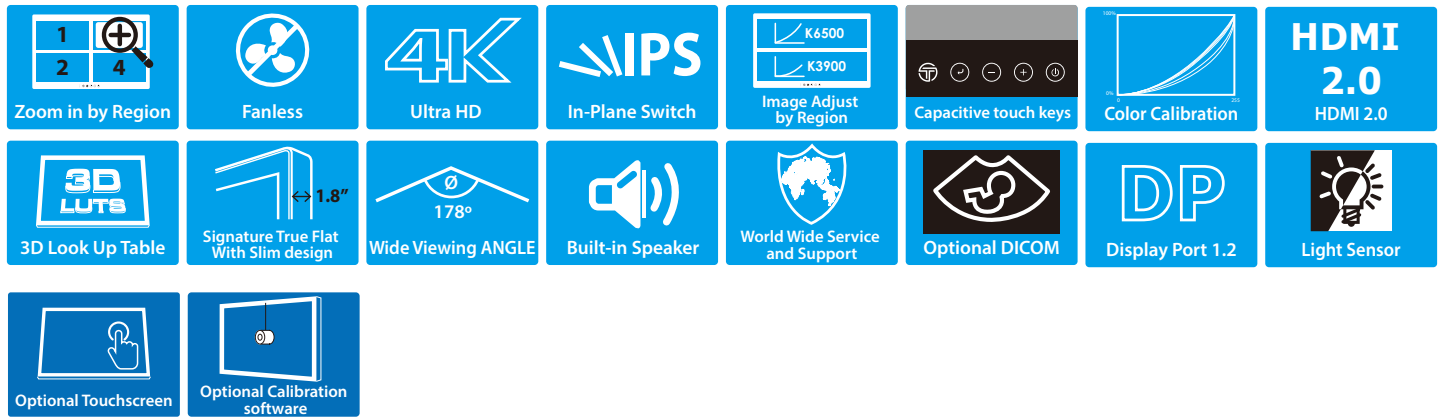## Update your OR with the newest display technologies

Product Features

- 32" Display with UHD 4K (3840 x 2160) native resolution
- 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

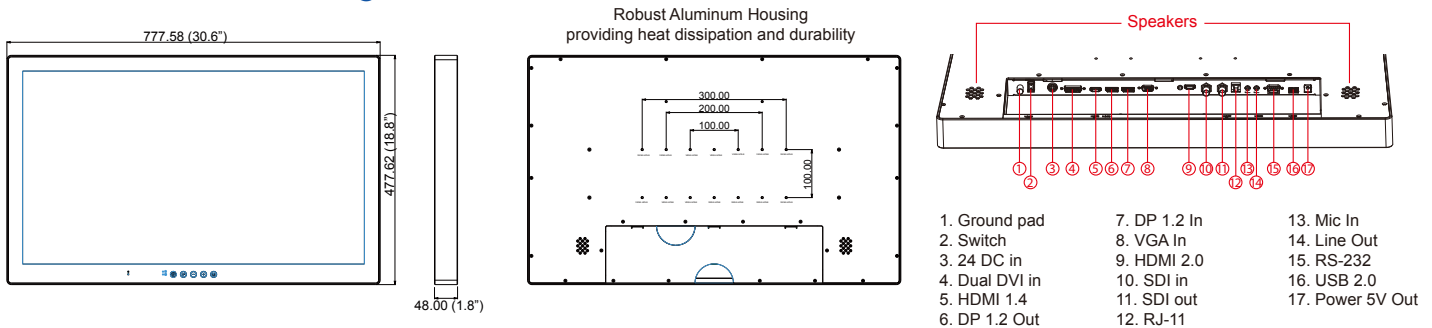Color by
PORTRAIT DISPLAYS

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 (1 2 4)	**Fanless**	**Ultra HD** (4K)
In-Plane Switch (IPS)	**Image Adjust by Region** (K6500 / K3900)	**Capacitive touch keys**
Color Calibration	**HDMI 2.0**	
3D Look Up Table (3D LUTS)	**Signature True Flat With Slim design** (↔1.8")	**Wide Viewing ANGLE** (Ø 178°)
Built-in Speaker	**World Wide Service and Support**	**Optional DICOM**
Display Port 1.2 (DP)	**Light Sensor**	
Optional Touchscreen	**Optional Calibration software**	

Mechanical Drawing

777.58 (30.6")

477.62 (18.8")

48.00 (1.8")

Robust Aluminum Housing providing heat dissipation and durability

300.00
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
Viewable Size	32" diagonal
Active Area	708.48 (H) x 398.52 (V) mm
Native Resolution	3840 x 2160 (UHD 4K)
Pixel Pitch	184.5 (H) x 184.5(V) um
Aspect Ratio	16:9, Full, 16:10, 4:3, 5:4, 1:1
Response Time	12ms (Gray to Gray)
Light Intensity	350 cd/m² (typ) optional high brightness 700 cd/m² (typ.)
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 Optional DICOM
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 (Optional), 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* • VGA • HDMI 2.0 • Dual DVI in • DP 1.2 • HDMI 1.4 • Audio In
Output Signal	• DP (Multi-Stream Transport) • Audio Out • 5V out • SDI (Loop Through), support to 1080P*
Product Dimensions	777.58 x 477.62 x 48 mm (30.6 x 18.8 x 1.8 in)
Mounting	VESA mounting 100 x 100mm VESA mounting 200 x 100mm VESA mounting 300 x 100mm
Product Weight	11 Kg (24.2 lbs)
Housing	Antimicrobial Surface Coating
Factory Options	• 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
Color Calibration 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 • EN60601-1-2 • EN55032/EN55024, FCC part 15B • EN60950-1 • RoHS-2, REACH, WEEE compliant

CE FC c(UL)us E489236

* 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.