27" 4K UHD Monitor

M270TF

Update your OR with the newest display technologies

Product Features

- 27" Display with UHD 4K (3840 x 2160) native resolution for video display, 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
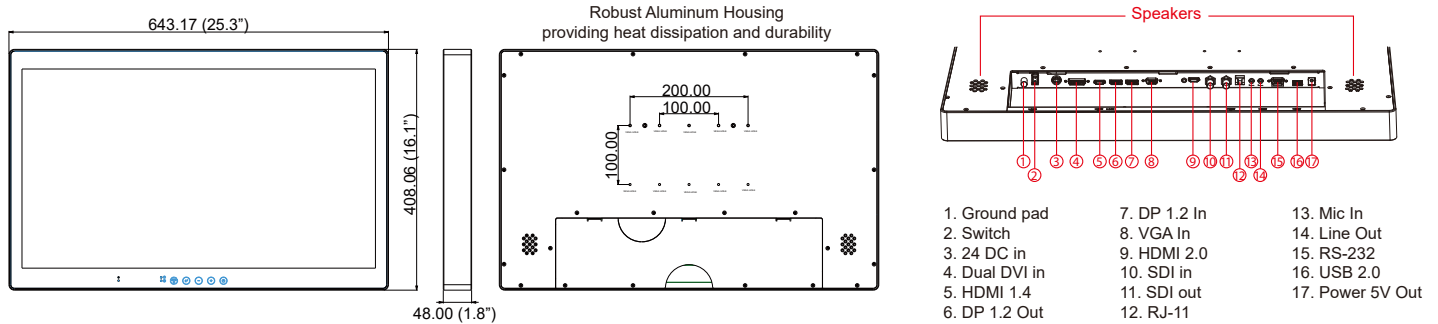- Antimicrobial surface coating

Color by
PORTRAIT DISPLAYS

Solving challenges in the healthcare with the right technology. Technology has long played an imperative role in streamlining healthcare operations and improving patient care. Healthcare 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**	**DICOM GSDF (Optional)**	**HDMI 2.0**
3D Look Up Table	**Signature True Flat With Slim design**	**Wide Viewing ANGLE**	**Built-in Speaker**	**World Wide Service and Support**	**Calibration software tool (Optional)**	**Display Port 1.2**	**Ambient light sensor**

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
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
Response Time	12ms (Gray to Gray)
Light Intensity	300 cd/m² / 700cd/m² (Optional)
Contrast Ratio	1000:1 (typ)
View Angle	89/89/89/89
Max Colors	1.07B
Touch	Projected Capacitive Touch, USB interface / AR Glass (Optional)
Color Profiles	Support 3D LUT profile / 6 x general user color schemes / DICOM GSDF (Optional)
Product Features	Ambient light sensor / IR Control / Internal Backlight sensor (Optional for 700 cd/m²)
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 • RS-232 • Dual DVI in • USB 2.0 • DP 1.2 • HDMI 1.4 • Audio In • RJ-11 • HDMI 2.0 (Optional)
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)
Housing	Antimicrobial Surface Coating
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

CE FC cULus 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.