27" 4K UHD Monitor

M270TF-SDI

Update your OR with the newest display technologies

Color by **PORTRAIT DISPLAYS**

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
- Fanless and ventless design, easy-to-clean
- Compatible with existing imaging systems
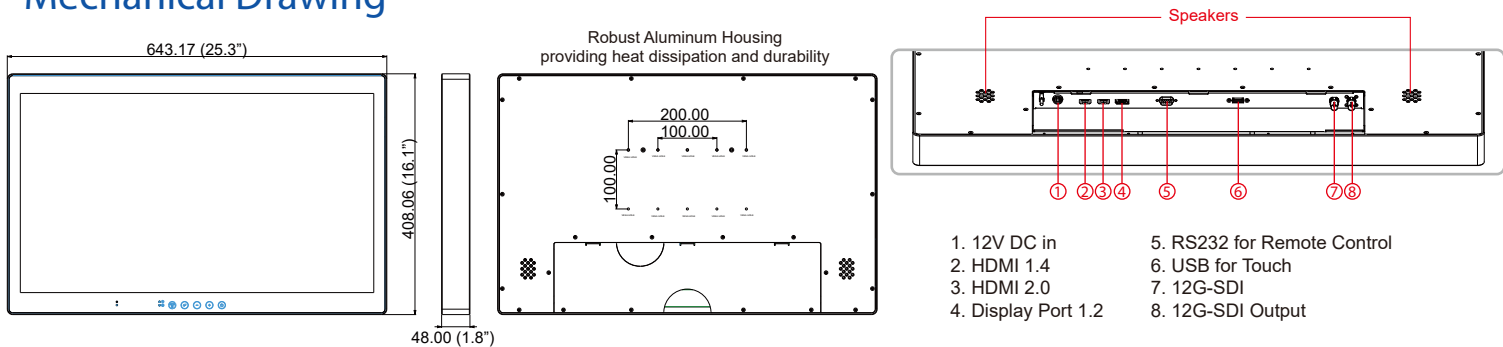- Antimicrobial surface coating
- 4K Signal Input HDMI/DP/12G-SDI

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**
12G-SDI							

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 ② ③ ④ ⑤ ⑥ ⑦⑧

1. 12V DC in	5. RS232 for Remote Control
2. HDMI 1.4	6. USB for Touch
3. HDMI 2.0	7. 12G-SDI
4. Display Port 1.2	8. 12G-SDI Output

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 700 cd/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	12V DC in, 110-240V AC to DC Adapter
User Controls and Activity	Capacitive OSD : Power On/Off, On Screen Display Menu, Brightness Control (-/+)

Input Signal	• 12G-SDI • DP 1.2 • USB for Touch • RS232 for Remote Control • HDMI 1.4 (Optional) • HDMI 2.0 (Optional)
Output Signal	• 12G SDI (Loop Through)
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 Storage Temperature	0 deg.C to 35 deg.C, Humidity up to 95% -20 deg.C to 60 deg.C, Humidity up to 95%
IP Rating	Protection: front IP65 - rear IP22
Type Approval, Testing and Certificates	• CE • FCC

CE FC