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 Medical Grade	 Anti-fingerprint	 Antibacterial	 CDC Cleaning	 Ingress Protection	 Made in USA
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# 27" UHD Evolution Multi-Touch LED Touch Screen

## Touch Screen Performance (Evolution-Touch)

- Superior High-Performance Projected Capacitive (Unlimited Touch Activations)
- 10 Point Multi-Touch (Finger, Capacitive Stylus, Nitrile, Latex and Vinyl Gloves)
- USB HID compliant & Driver free with no calibration
- Ultra Fast Precision Touch Response
- Requires human intentional touch (HIT)
- Anti-Fingerprint Oleophobic nano-coating
- Noise Immunity (Advanced technology to eliminate wide band and narrow band interference)
- 3mm thick, sealed full glass display
- Touch operation is unaffected by surface contaminants



## Applications

- Mission Critical
- Industrial
- Nurse Stations
- ERP
- Retail

## Certifications

- 60601-1
- IPX2
- IP34

## Display Performance

- Medical "A" Grade LCD Panel/ 16:9
- Edge-to-Edge sealed 3mm glass surface
- Integrated Multi-Media Speakers
- Industrial Cooling
- America's Best Commercial Warranty 4 Years with advanced replacement
- Proprietary CFD Designed Ventilation
- Custom vent system to limit dust collection and prevent fluid intrusion
- (MTBF) 124,000 Hours
- HDMI 2.0 (HDCP Compatible) input provides expanded connectivity with advanced technology
- VESA compliant
- Locking power supply connection
- Made in the USA



Designed and Manufactured by Tech Global, Inc. in Chicago, IL

# SPECIFICATIONS

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## Touch Interface

Touch Response

Evolution-Touch (PCT/ Anti-Fingerprint/ Anti-Glare): USB/ HID Compliant

5ms

## Display

Viewable Image Size

24/7 Medical "A" Grade Display/ Edge-Lit LED LCD

27"/ 16:9

Mean Time Between Failure (MTBF)

124,000 Hours

Pixel Pitch

0.1554mm

Color Depth

1.07 Billion colors, 10Bit

Brightness

350 cd/m2

Contrast Ratio

3000:1

## Ultra HD Resolution

3840 x 2160 (4K)

Viewing Angle

178° Vert., 178° Hor.

Response Time

LCD Rapid Response (25ms)

## Synchronization Range

Horizontal

31.5 kHz to 81.1 kHz (Digital)

Vertical

56 to 76 Hz

## Internal Speakers

Built-in multimedia speakers provide quality sound

## Input Signal

Input Connectors

DisplayPort, HDMI and DVI

Audio

In (1)

## Power Consumption

On

29W/ Power Savings Mode .6W/

Dimensions (WxHxD)

Net (with stand)

25.8 x 15.7 x 8.1 in.

Net (without stand)

25.8 x 15.7 x 1.7 in.

Net Weight (with stand)

TBD lbs.

VESA Hole Configuration Specification

100 x 100mm/ 200 X 200mm

## Environmental Conditions

Operating Temperature

5-35C/41-95F

Operating Humidity

20-80%

Operating Altitude

2000m / 6562 ft.

Storage Temperature

-10-60C/14-140F

Storage Humidity

10-85%

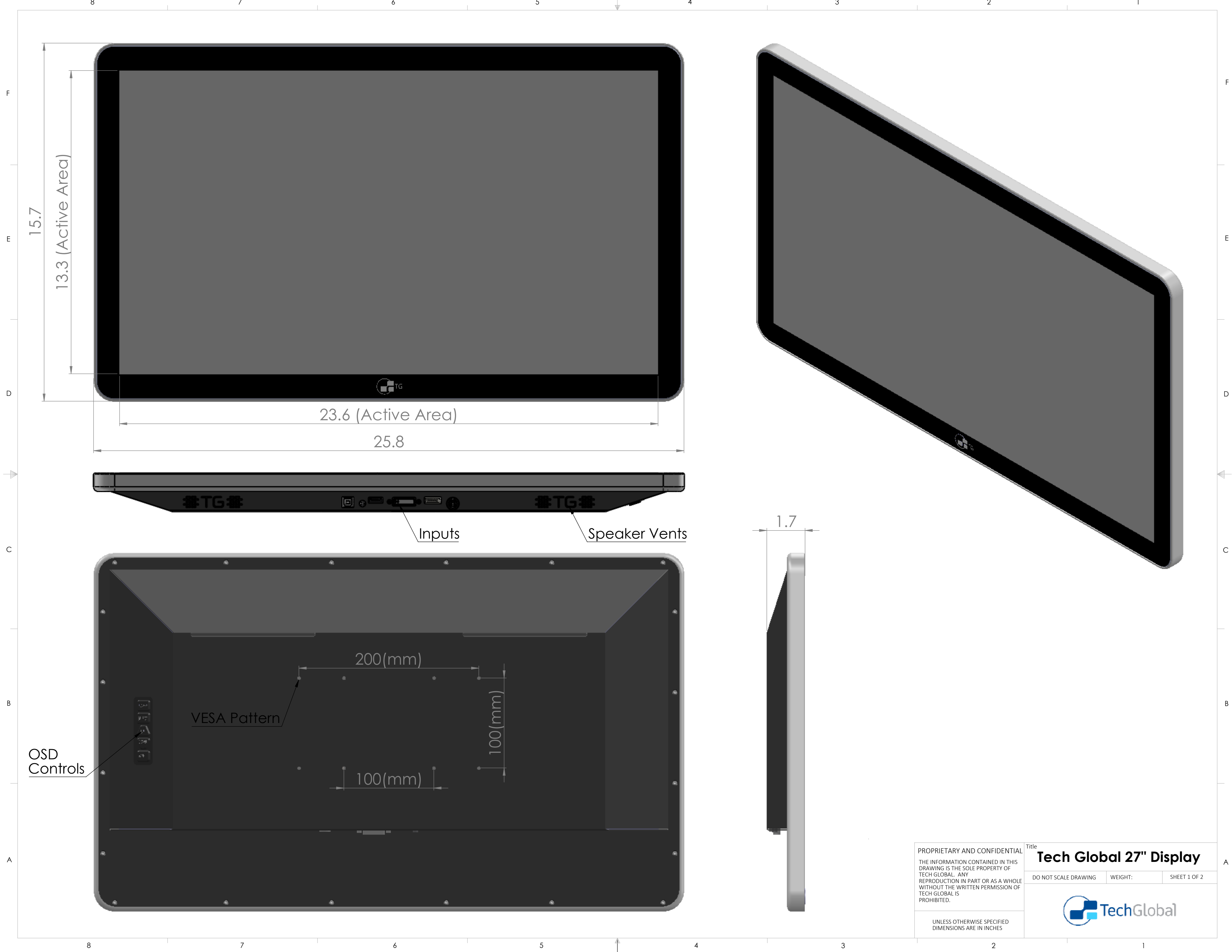
Storage Altitude

12,192m/40,000 ft.

## Warranty

4 years parts and labor including backlight and touch components





15.7  
13.3 (Active Area)


23.6 (Active Area)  
25.8

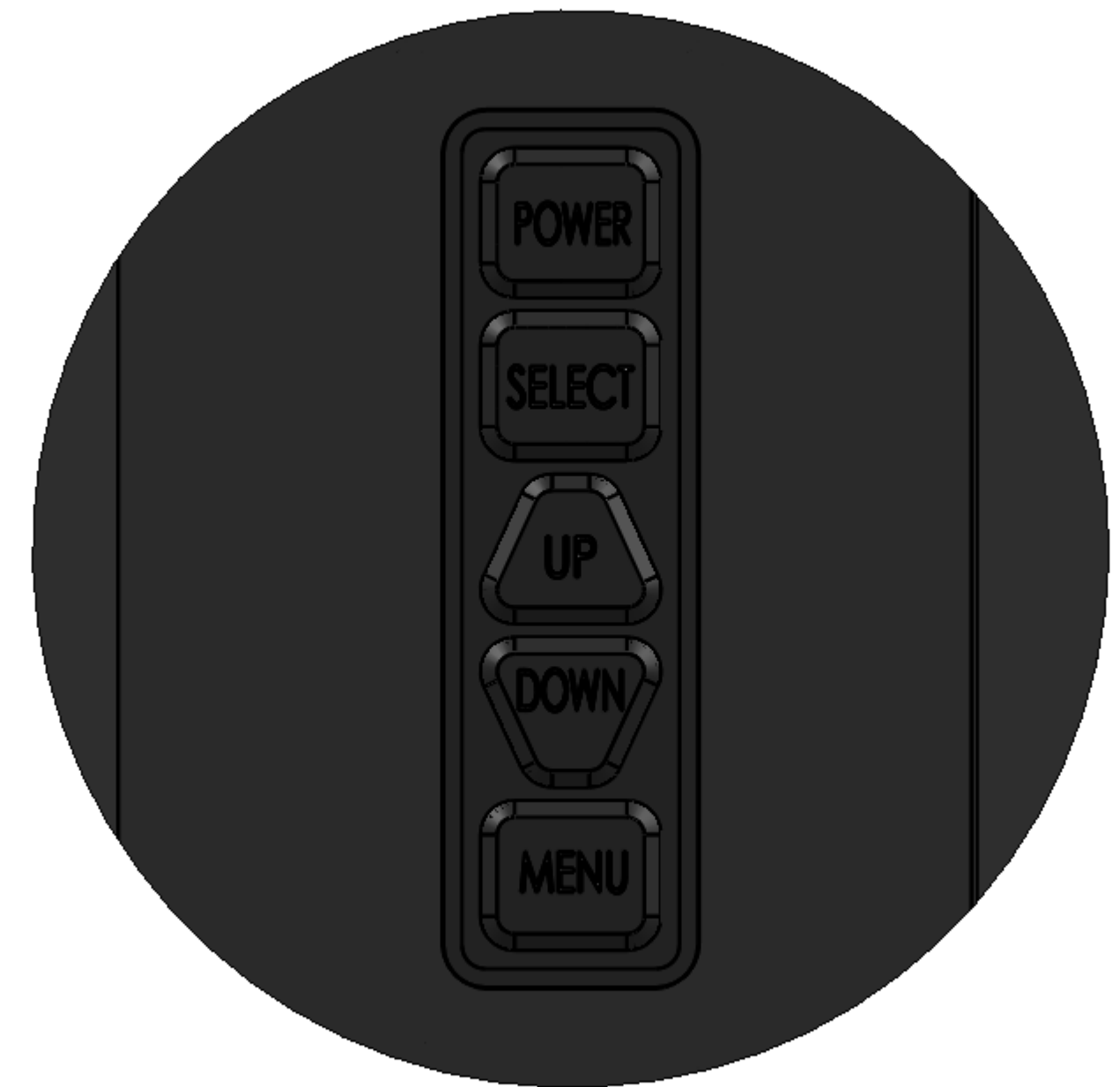
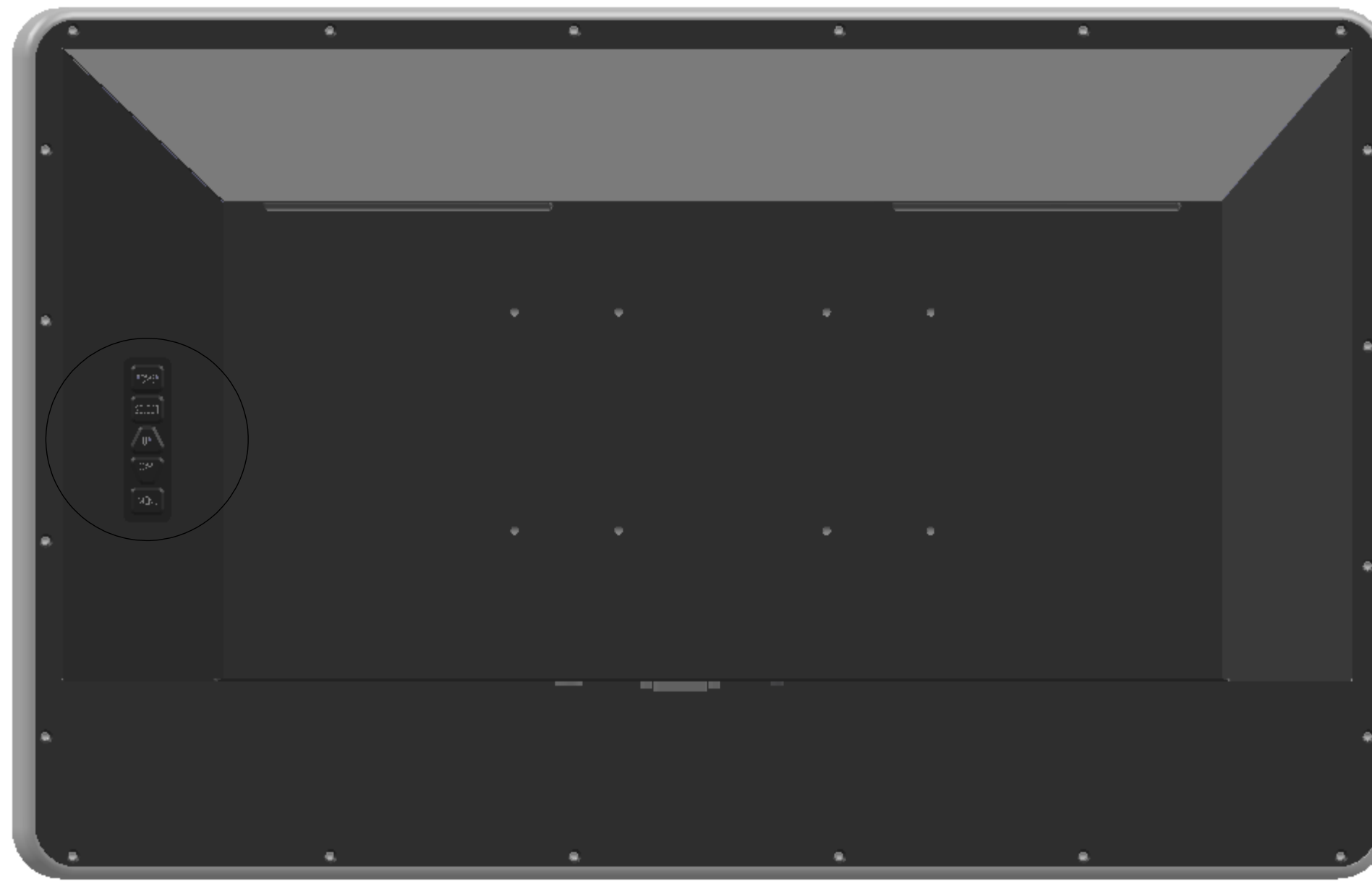
Inputs Speaker Vents

VESA Pattern

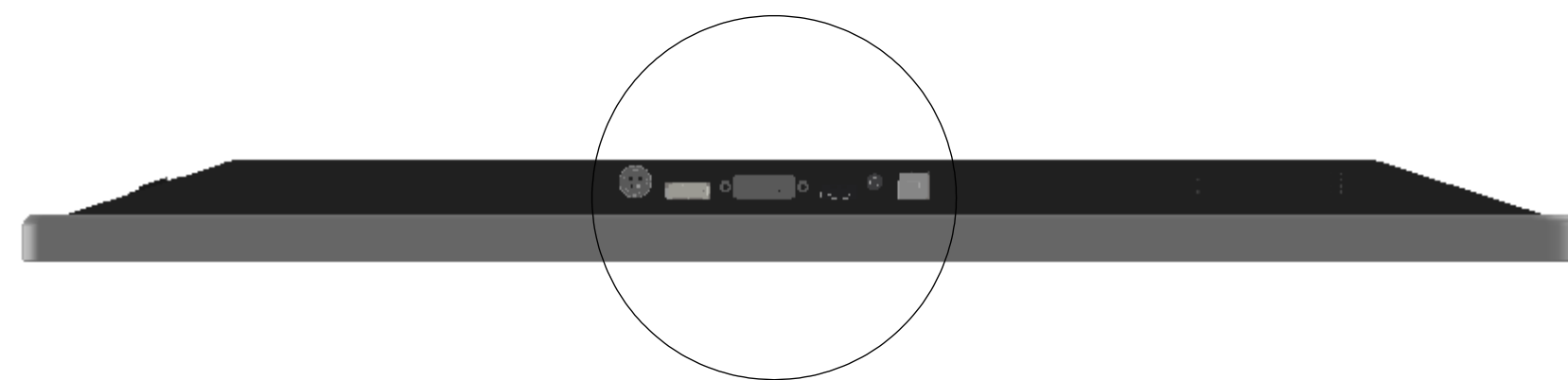
200(mm)  
100(mm)  
100(mm)

OSD Controls

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**OSD Controls**



**Inputs:** DC Power, Display Port, DVI, HDMI, Audio In, USB Type B\*  
(As Seen Left To Right)

\*Touch Model Only

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