



INDUSTRIAL TOUCH SCREEN MONITOR

# VIO-W224-MX200

23.8" Full HD 16:9 Resistive / Capacitive Touch Monitor with 2x 10W Speaker



**Features**

- 23.8" Full HD 16:9 LCD with resistive 5-wire / projected capacitive touch
- 1x VGA, 1x HDMI, 1x DisplayPort, 1x USB 2.0, 1x COM, 1x Audio
- 9 to 48VDC wide range power input
- -10°C to 50°C extended operating temperature
- Designed with aluminum die-casting front frame
- IP65 compliant front panel
- Two 10W internal speakers built-in
- Multi-language OSD built-in

**Specifications**

**Display**

IP Rating	IP65
LCD Size	23.8" (16:9)
Max. Resolution	1920 x 1080 (FHD)
Brightness (cd/m <sup>2</sup> )	450
Contrast Ratio	1000:1
LCD Color	16.7M
Pixel Pitch (mm)	0.2745(H) x 0.2745(V)
Viewing Angle	178/178
Backlight MTBF	30000 hrs (LED Backlight)

**Touch**

Projected Capacitive	VIO-W224C-MX200
Resistive 5-Wire	VIO-W224R-MX200

**I/O**

Audio	1x Audio Input
COM	1x COM Port Input (Resistive Touch Only)
USB	1x USB 2.0 (For Resistive Touch or P-CAP Touch)
DP	1x DisplayPort
HDMI	1x HDMI
VGA	1x VGA

**Others Features**

Speaker	AMP 10W + 10W
OSD	LCD On/Off, Auto, Menu, Up and Down Multi-language

**Power**

Power Adapter	Optional AC/DC 12V/5A, 60W
Power Management	Power Ignition Management
Power Mode	AT, ATX
Power Supply Voltage	9~48 VDC
Power Connector	3-Pin Terminal Block
Power Protection	OVP (Over Voltage Protection) OCP (Over Current Protection) Reverse Protection
Operating Temperature	-10 °C ~ 50 °C
Storage Temperature	-20 °C to 60 °C
Relative Humidity	10% ~ 80% (non-condensing)
IP Level	IP 65 Compliant Front Panel
Certification	CE, FCC Class A
Vibration	1.5 Grms, 5 - 500 Hz, 0.5 hr/axis
Shock	20G, half sine, 11ms

**Physical**

Dimensions	588 (W) x 360 (D) x 71.8 (H)mm
Weights	9.61 kg ~ 9.86 kg
Mounting Options	VESA Mounting Holes 75 x 75mm, 100 x 100mm

**Available Models**

- VIO-W224R-MX200  
23.8" 16:9 FHD Resistive Touch Thin Frame Monitor with 2x 10W Speaker
- VIO-W224C-MX200  
23.8" 16:9 FHD Capacitive Touch Thin Frame Monitor with 2x 10W Speaker

**Optional Accessories**

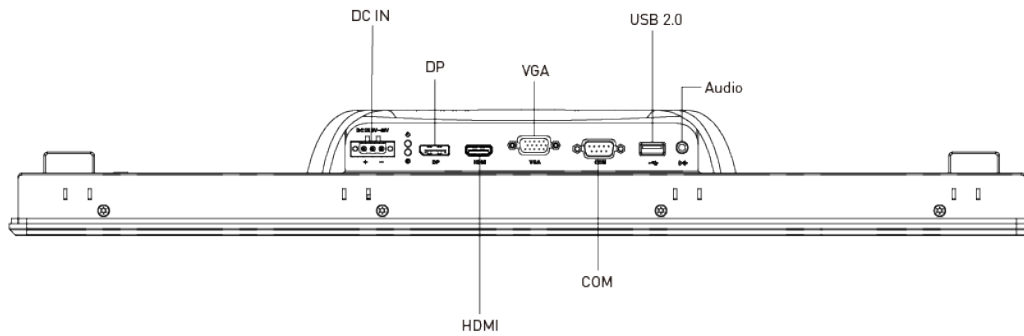
- 1-E09A06008  
Adapter AC/DC 12V 5A 60W with 3pin Terminal Block Plug 5.0mm Pitch
- SFICBL022  
Power Cord, 3-pin US Type, 180cm
- 1-TPCD00002  
Power Cord, European Type
- 1-TPCD00001  
Power Cord, 3-pin UK Type, 180cm

**Packing List**

- 1x VIO-W224-MX200 Touch Monitor
- 12x Panel Mount Kit
- 1x USB Cable
- 1x VGA Cable
- 1x Screw Pack

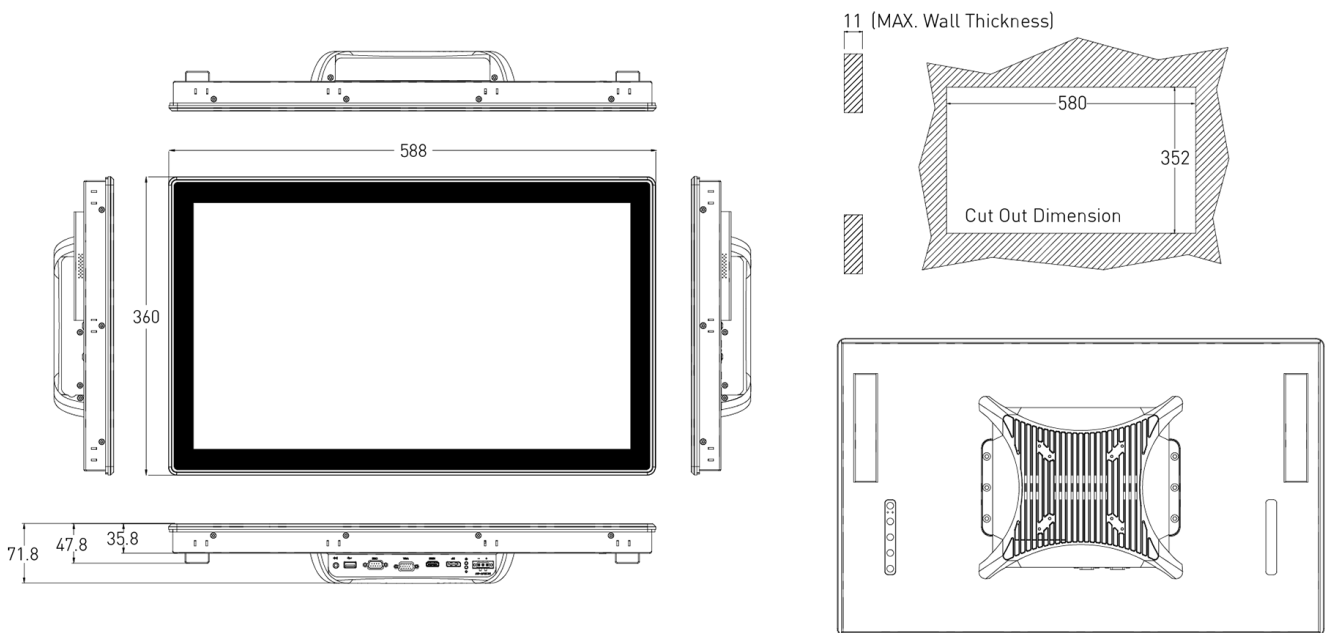
\* All specifications and photos are subject to change without notice.

External I/O Mechanical Layout



Dimension

Unit: mm



## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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