TEGUAR

TD-45-18

18.5" Industrial Monitor

Key Highlights

- 18.5" LCD with 1366 x 768 Resolution
- Optional Sunlight Readable 1000 Nit LCD
- Rugged Die Cast Aluminum Enclosure
- Full Flat Front Panel and Fanless Design
- Resistive or Projected Capacitive Touchscreen
- Wide Range DC 9~36V Power Input

VIEW ONLINE

The TD-45-18 is a cost effective, versatile display with a die-cast aluminum enclosure, ideal for industrial environments. This versatile display can be panel mounted into a cutout in an enclosure or it can be mounted to an arm, stand, or hung on a surface. When panel mounted, the front bezel is IP66 rated and protected from liquids and dust. The TD-45-18 includes a wide range 9~36VDC power input and has an optional AC-to-DC power supply for AC powered applications. The same model is available in screen sizes from 7" to 21.5". These industrial touchscreen monitors can be connected to any computer, but most often times are connected to a fanless box PC. This offers a two piece rugged long life cycle solution. They can also be connected to other touchscreen panel PCs, where they operate as cloned displays or extended desktops.

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Technical Specifications

Display

Screen Size	18.5"
Screen Resolution	1366 x 768, Optional 1920 x 1080
Screen Ratio	16:09
Brightness	300 nits, Optional 1000 nit High Brightness

Power

Input Voltage Range	9-32V DC
Max Power Consumption	19.7W (Resistive), 30.2W (P-Cap)
Standard Power Adapter	Optional 12V AC/DC Adapter

Enclosure

Material	Aluminum
IP Rating	IP66 Front Bezel
Color	Silver
Mounting Options	Panel Mount, VESA 100 Mount
Approved Cleaning Solutions	Acetone, Alcohol, Club Soda, Hydrochloric Acid, Methyl Alcohol, Mineral Spirits, Nitric Acid, Sulfuric Acid (low concentration), Vinegar, Warm Water

Certification

Certifications	CE, FCC Class A

Specifications subject to change.

Touch Screen

Touch Screen	Projected Capacitive, Resistive

External I/O Ports

Audio Ports	1x Optional Speaker with 1x Audio Input
Power Input Port	3-Pin DC-In (Phoenix Type)

Multimedia

Speakers	Optional Speaker

Thermal & Environmental

Operating Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temperature	-30°C ~ 70°C (-22°F ~ 158°F)
Cooling Solution	Passive – Fanless
Storage Humidity	10% ~ 90% Non-condensing

Weight / Dimensions

Weight	6.4 kg (14.1 lbs)
Dimensions	499.6 x 314.6 x 59.9 mm (19.7 x 12.4 x 2.4 in)

Warranty

Warranty	Up to 5 Years

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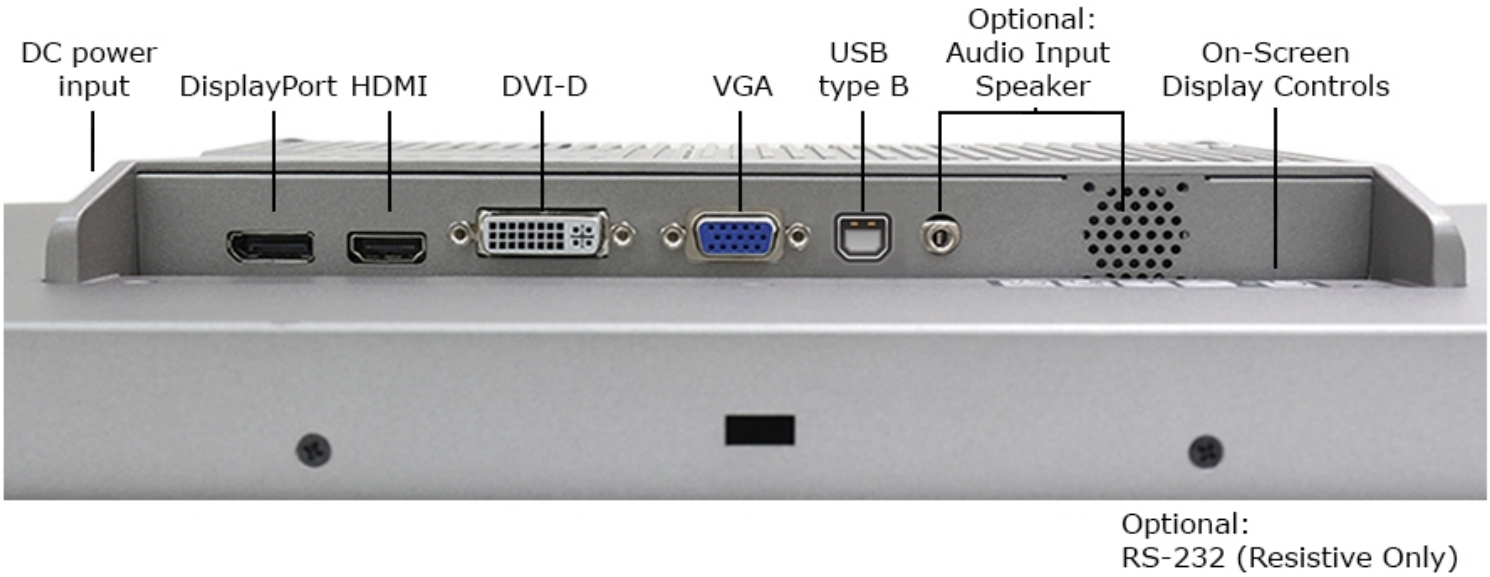
I/O Diagram Images



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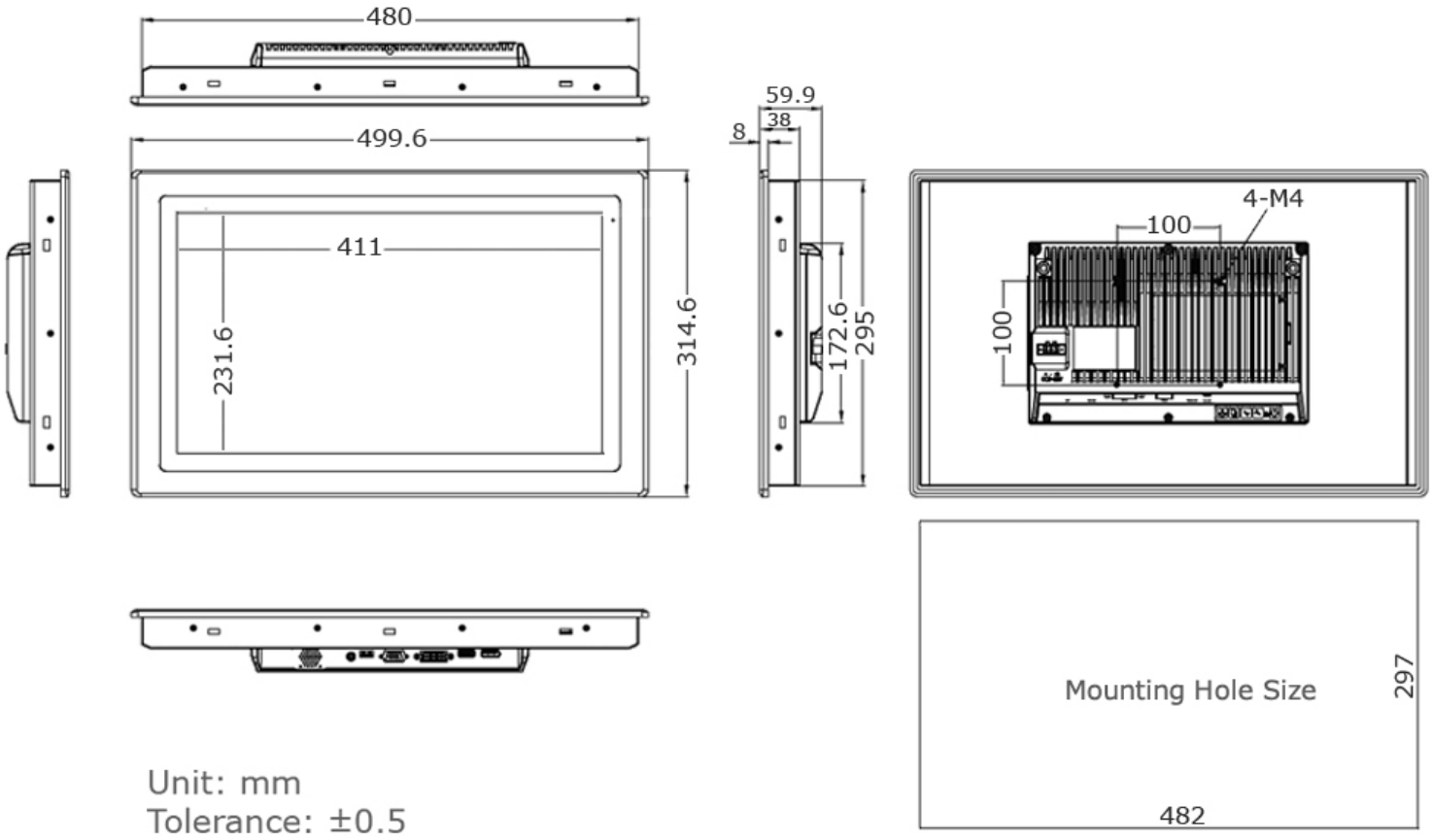
Tech Diagram Images



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