

TSD-45-16

15.6" Waterproof Monitor



Key Highlights

- 15.6" Flush LCD Touchscreen
- IP66/IP69K Fully Enclosed Fanless Design
- Resistive or Projected Capacitive Touchscreen
- HDMI and VGA Inputs
- Optional 1000 nit High Brightness and Optical Bonding
- Grade 304 Stainless Steel Enclosure

[VIEW ONLINE](#)

The TSD-45-16 widescreen monitor is the ideal solution for manufacturing environments exposed to water, moisture and even high-pressure wash downs. This unit is IP66/IP69K rated and NEMA 4x compliant. The stainless steel housing is grade 304, ensuring it will not rust, and comes with the option to upgrade to grade 316L stainless steel, needed in environments exposed to salt water. The thin profile and curved design are both aesthetically pleasing and easy to clean. The on-screen display (OSD) controls placed on the rear of the monitor allow for quick adjustments of display settings and the IOs are protected by M12 metal connectors, included with the unit. The TSD-45 series comes in screen sizes from 10" up to 24" and in various screen ratios, so you can choose the best configuration for your application. [>> Watch Teguar's waterproof monitor perform at sea](#)

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Technical Specifications

Display	
Screen Size	15.6"
Screen Resolution	1366 x 768, Optional 1920 x 1080
Screen Ratio	16:09
Brightness	350 nits, Optional 1000 nit High Brightness

Power	
Input Voltage Range	9-36V DC
Max Power Consumption	12.3W

Enclosure	
Material	Optional SUS316 Stainless Steel, SUS304 Stainless Steel
IP Rating	IP66, IP69K
Control Buttons	On-Screen Display (OSD), Touchscreen Lock for Cleaning
Mounting Options	VESA 75 Mount, Yoke Mount
Approved Cleaning Solutions	Alcohol, Chlorine and Compounds, Glutaraldehyde, Hydrogen Peroxide, Ortho-phthalaldehyde (OPA), Quaternary Ammonium Compounds

Certification	
Certifications	CE, FCC Class A

Specifications subject to change.

Touch Screen	
Touch Screen	Projected Capacitive, Resistive

External I/O Ports	
USB	1x MI2 USB
Power Input Port	MI2 type 3-PIN DC-in

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
Humidity Range	10% - 90% Non-condensing

Weight / Dimensions	
Weight	6.4 kg (14.1 lbs)
Dimensions	440 x 290 x 55 mm (17.3 x 11.4 x 2.2 in)

Warranty	
Warranty	Up to 5 Years

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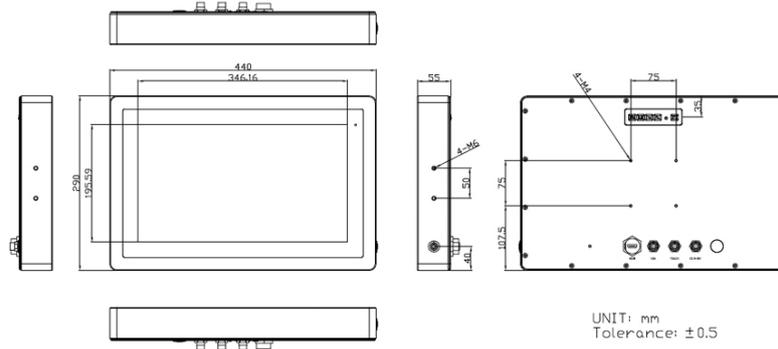
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I/O Diagram Images



Tech Diagram Images



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