

TSD-45-22

21.5" Waterproof Touchscreen Monitor



Key Highlights

- 21.5" Flat TFT LCD Touchscreen
- IP66/IP69K Fully Enclosed Fanless Design
- HDMI and VGA Inputs
- Grade 304 Stainless Steel Enclosure
- M12 Metal I/O Connectors

[VIEW ONLINE](#)

The TSD-45-22 is a fully waterproof touchscreen display, ideal for food and beverage manufacturing facilities, clean rooms, and even outdoor applications. The 21.5" touchscreen is available in resistive or p-cap touch and the on-screen display (OSD) controls on the rear of the monitor allow for quick screen adjustments. This unit is IP66/IP69K rated and NEMA 4x compliant and the housing is grade 304 stainless steel, ensuring the unit won't rust. You can also upgrade to grade 316L stainless steel, for settings exposed to salt water. The VESA mount on the back of the TSD-45-22 enables stand-alone placement, kiosk placement, wall placement and more. 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	21.5
Screen Resolution	1920 x 1080 (Full HD)
Screen Ratio	16:09
Brightness	250 nits, Optional 1000 nit High Brightness

Power

Input Voltage Range	9-36V DC
Max Power Consumption	18.9W

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 100 Mount, Yoke Mount

Certification

Certifications	CE, FCC Class A
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Specifications subject to change.

Touch Screen

Touch Screen	Projected Capacitive, Resistive
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External I/O Ports

USB	1x M12 USB
Power Input Port	M12 type 3-PIN DC-in

Thermal & Environmental

Operating Temperature	0°C - 50°C - 0°C - 40°C (32°F - 122°F (Standard), 32°F - 104°F (With High Bright LCD))
Storage Temperature	-30°C - 70°C (-22°F - 158°F)
Cooling Solution	Passive - Fanless
Humidity Range	10% - 90% Non-condensing

Weight / Dimensions

Weight	9 kg (19.8 lbs)
Dimensions	571 x 362 x 55 mm (22.5 x 14.3 x 2.2 in)

Warranty

Warranty	Up to 5 Years
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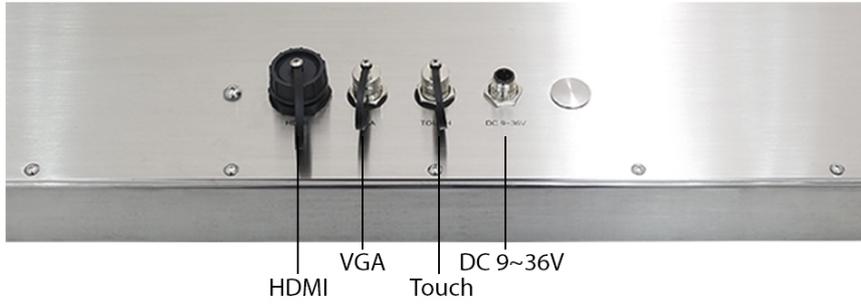
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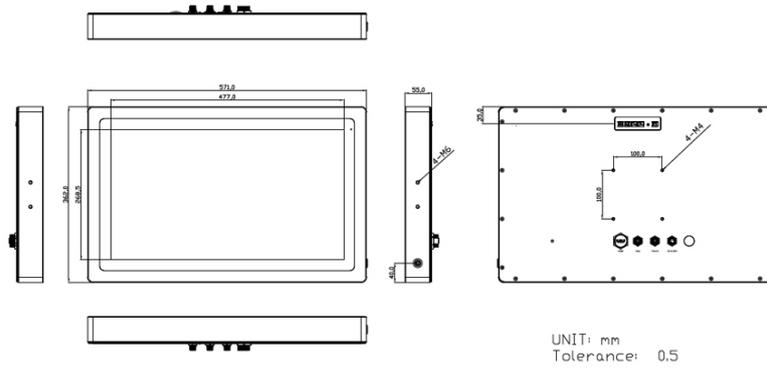
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I/O Diagram Images



Tech Diagram Images



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