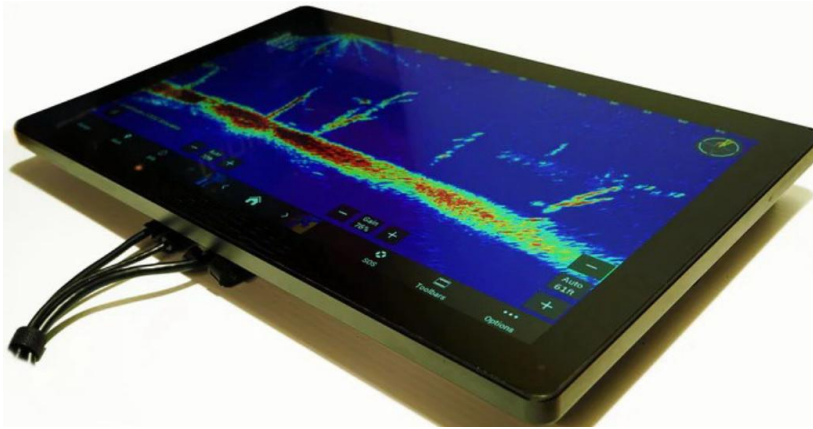# TDD-PTM-CF156WPM
15.6'' Marine Waterproof Closed Frame PCAP Touch Monitors

Overview

The **TDD Touch Monitors** include **Standard**, **Industrial** (**Open Frame Bezel-free** | **Rear Mount**, **Panel Mount**, **Closed Frame**), **Outdoor**, **Waterproof**, **Stainless Steel**, **Marine**, **Curved**, **Desktop POS**, **Commercial Displays**, **Medical** and **Custom** types, delivers an industrial, reliable and cost-effective solution with outstanding image clarity & accurate touch response for OEMs & systems integrators. 7-98'' sizes with rugged bezel, flat structure, high durability and versatility for Kiosks applications from Self-service, Automated Parking, Industrial Automation, Outdoor Control, Healthcare to Gaming.

Features

● Touch thru glass (**Sunlight Readable&Anti-mist Optical Bonding**) enabled with PCAP supports thickness up to 5mm
● Embedded design with **Rugged TFT Panel, Sturdy Aluminum Enclosure with bolting holes&gimbal side mount kit**
● **IP67 Fully Enclosed Fanless Design with M12 Metal I/O Connectors**, flexible mounting in any table, kiosk or cabinet

Specifications

Panel

Diagonal Size	15.6"(16:9), 39.5cm, Active matrix TFT LCD (LED)
Active Area (mm)	344 mm x 194 mm
Resolution	1920 x 1080
Viewing Angle	Horizontal: 89° or 178° total / Vertical: 89° or 178° total
Number of Colors	16.7 million
Brightness (typical)	1500 nits
Response Time-total	30 (Typ.)(Tr+Td) ms
Contrast Ratio	800:1
Input Video Frequency	Horizontal: 30 - 60 KHz / Vertical: 50 - 75 Hz

Touch

Touch Technology	PCAP (Projected Capacitive) - 10 Touch Capacity (**Optional: Waterproof Firmware**)
Surface Treatment	Water, Dust & Vandal proof; **Optional**: Anti-glare, Anti-fingerprint, Anti-smudge, Anti-bacterial
Supported OS	Windows / Android / Linux / Mac

Interfaces / Connectors / Controls

Video Interfaces	HDMI x1 / USB x1 for Touch; HDCP: Yes
Connectors & Controls	DC x1; **LAN x1 & Remote Control (for OSD)**; **Brightness Knob x1**; **On and Off Button x1**

Power / Mechanical / Environmental / Accessories / Others

Power	Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 20W typical, 1.5W sleep, 0.5W off
Mechanical	Product Dimensions: 399.7 x 247x 50mm / Weight(Unpacked/Packed): 4.85 / 6.75kg Box Dimensions: 480 x 170 x 350mm / VESA Mounting: 75 x 75 / 100 x 100mm
Environmental	Operating / Storage Temperature: -20°C to 75°C (except for some models)
Accessories	Power adapter/cable(**4m**), HDMI/USB cable(**8m**) w/ **type-c convert**, **gimbal mount** kits (opt.)
Others	MTBF / Warranty / Enclosure Color: 50,000 hours demonstrated / 1-year / black	silver Ready for Use: 24/7; **Marine grade(moisture, salt spray & fungus proof for mainboard)**

* **TDD** (**www.tddtouch.com**, **sales@tddtouch.com**) reserves the right to change specifications without prior notice.