

7-32 Inch Marine Displays All in One Outdoor High Brightness 1000 Nits Ip65 Waterproof Monitor Industrial Touch Screen Monitors

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: TouchVision
- Certification: CE, ROHS
- Minimum Order Quantity: 1
- Price: \$60-\$100
- Delivery Time: 7-12Day
- Payment Terms: T/T, Western Union, PayPal, Credit card, etc
- Supply Ability: 2000pcs per month



Product Specification

- Product Name: Touch Monitor
- Size: 7"-32"
- Resolution: 1920*1080
- Touch Screen: 10 Point PCAP Touch
- Interface Type: HDMI, VGA, USB
- Brightness: 300 Nits
- Highlight: Outdoor Industrial Touch Screen Monitors,
7 Inch Industrial Touch Screen Monitors,
Outdoor High Brightness Monitor



More Images



Product Description

7-32 Inch Marine Displays All in One Outdoor High Brightness 1000 Nits Ip65 Waterproof Monitor Industrial Touch Screen Monitors

Marine-grade and industrial displays are designed for demanding environments and harsh conditions.

Key Features and Specifications

- Technology:** These panels primarily use Projected Capacitive (PCAP) touch technology, which is known for its high accuracy, responsiveness, and multi-touch capability. PCAP technology uses an electrical field to detect touch, allowing for a smooth and intuitive user experience. It's often paired with a durable glass surface that resists scratches and damage.
- 7-32 Inch Marine Displays:** These monitors are built to withstand the rigors of marine environments, including exposure to salt, humidity, and vibrations. They're used on boats, ships, and offshore platforms for navigation, monitoring, and control systems. The wide range of sizes allows them to fit various applications, from small control panels to large bridge displays.
- All-in-One:** An all-in-one system integrates the display and the computer into a single unit, eliminating the need for separate components and cables. This simplifies installation, saves space, and increases reliability in industrial and outdoor settings where durability and a clean setup are critical.
- Outdoor High Brightness (1000 Nits):** A standard monitor is typically around 200-300 nits. A brightness of 1000 nits (a measure of luminance) makes the screen sunlight readable, ensuring the display remains clear and visible even in direct sunlight or other high-ambient-light conditions. This is essential for outdoor or marine use.
- Industrial Touch Screen Monitors:** These displays are built with robust, industrial-grade components to handle continuous operation in challenging environments like factories, control rooms, or public kiosks. The touch screen adds an interactive element, allowing for a user-friendly interface in situations where a keyboard and mouse are impractical.
- IP65 Waterproof:** The IP65 rating is a crucial standard for ingress protection. The first digit, "6," means the unit is completely protected against dust. The second digit, "5," means it can withstand low-pressure water jets from any direction. This makes it suitable for use in environments where it might get splashed or hosed down, but not submerged.

Specifications

Display Size	7" to 32"
LCD Panel	A+
Aspect Ratio	16:9
Resolution	1920*1080(FHD)
Contrast	1500:1
Brightness	1000cd/m2
View Angle	89/89/89/89
MTBF(Hours)	50000
Custom	1500~3500cd/m2 Direct Sunlight Readable
Touch Screen	Multi touch (PCAP touch)
Transmittance	≥90%
Touch interface	USB; Custom with Com
Signal interface	HDMI, VGA, DisplayPort
Housing Material	Metal, aluminum alloy
IP Grade	IP65 (Customizable IP67 rating)
Operation Tem.	0°C~60°C Custom with -20°C~75°C
Operation Hum.	10%~95%
Mounting Method	Panel Mount, VESA, Wall Mount, Flush Mount

Display Size	7"~10.32"
Power supply	DC12V with Power Adapter (100~240V AC)
Package	Thick Foam and Rugged Carton

Product photo



Custom visible in sunlight
1500nit High Brightness IPS Panel



1500cmd2

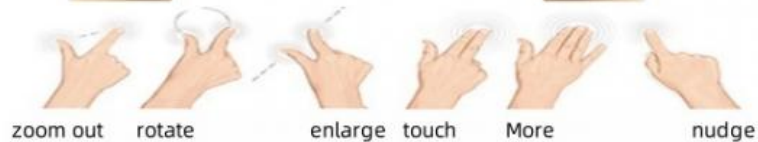
300cmd2





Capacitive screen ten-point touch

No smear, enjoy silky smooth, user-friendly and convenient gestures



High-definition LED screen wonderful vision

Support VGA, HDMI synchronous/asynchronous display, intelligent split screen
Split screen for multiple tasks, highlighting higher efficiency



Anti-seismic



High and low temperature

can be upgraded to $-20^{\circ}\sim 70^{\circ}$



60°C

-10°

IP65 Waterproof and dustproof



Anti static interference



All-flat dust-proof and splash-proof

IP65 dustproof and waterproof, suitable for various self-service terminal equipment



$-10^{\circ}\text{C}\sim 60^{\circ}\text{C}$

High resistance
low temperature



High hardness
Wear-resistant
Compression



0%~90%

0-70-50-70
Work
temperature

FACTORY DIRECT SALES THREE-YEAR WARRANTY SUPPORT CUSTOMIZATION

INDUSTRIAL GRADE BUILT-IN ALL-IN-ONE COMPUTER

FULLY EMBEDDED DESIGN, THE CABINET IS INTEGRATED TO SAVE MORE SPACE



Inset fit design for a true seamless fit

Perfect fit for flat and thin embedded installation, making the display closely fit with terminal equipment in various industries

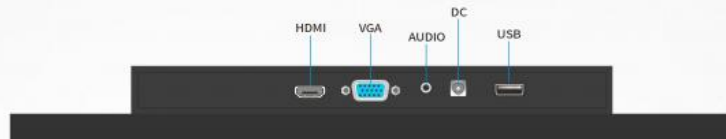




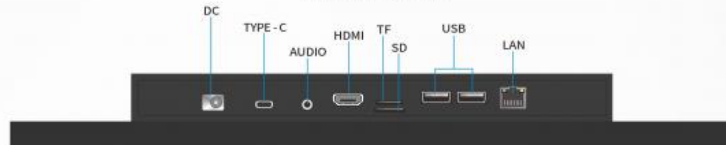
PRACTICALWIDE COMPATIBILITY

Rich interfaces to meet different needs

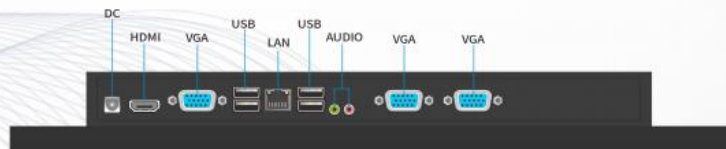
Touchscreen monitor



Android System



Windows System



Plug & Play Available Worldwide
US UK EU JP AU etc

Applications

APPLICATION FIELD

[CONTACT US TO SOLVE ACTUAL SCENE PROBLEMS]



FACTORY FLOOR



MEDICAL FIELD



SMART CITY



COMMERCIAL AREAS



THE FINANCIAL SECTOR



INDUSTRIAL FIELD



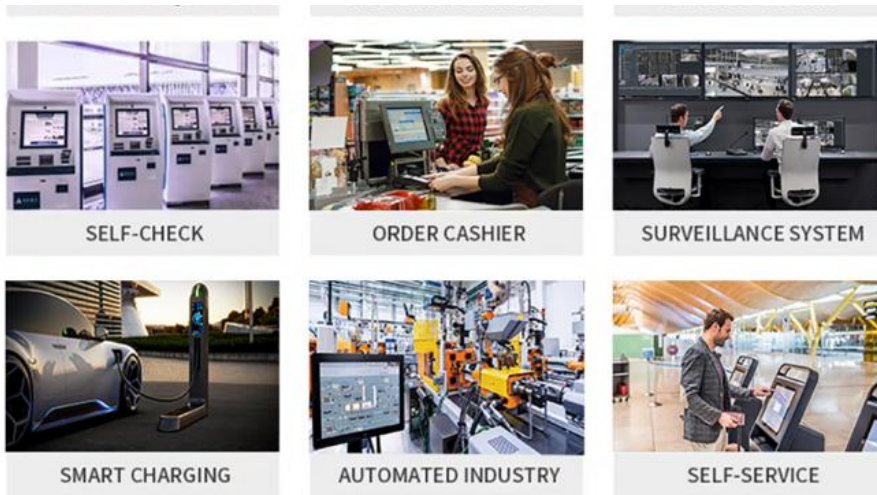
PRODUCTION EQUIPMENT



MEDICAL MACHINERY



EXPRESS CABINET



Industrial Automation & Control

The "industrial-grade" and "all-in-one" features allow it to excel in the field of automation.

- **Factory Floor Control Panels:** As an HMI, its IP65 rating effectively guards against dust and liquid splashes, making it suitable for environments like food processing, chemical, and heavy industries.
- **Production Line Monitoring:** Its rugged industrial design and touch functionality allow operators to quickly input data and control equipment.
- **Clean Rooms and Laboratories:** It can withstand the spraying of cleaning liquids, ensuring normal operation in sterile or strictly hygienic environments.

Outdoor Public Facilities & Vehicles

The 1000 nits high brightness and IP65 waterproof rating make it an ideal outdoor solution.

- **Outdoor Self-Service Kiosks:** Such as public information terminals, ticket machines, or vending machines, where the screen remains clearly visible in sunlight and is rainproof.
- **Vehicle-Mounted Displays:** It can be installed in the cab of cranes, forklifts, agricultural machinery, or special-purpose vehicles, providing reliable control and information display during outdoor operations.
- **Outdoor Digital Signage:** Used for information display in parks, scenic areas, or stations, capable of resisting erosion from rain and dust.

Marine & Nautical Applications

This is the core application directly indicated by the product name. The display's IP65 waterproof and dustproof rating, 1000 nits high brightness, and 7-32 inch sizes make it perfect for:

- **Yacht, Sailboat, and Commercial Vessel Bridges:** Used as a display for electronic charts, radar, and navigation systems, where the high brightness ensures readability even in intense sunlight reflecting off the water.
- **Fishing and Research Vessels:** Used for sonar, fish-finding, or data acquisition systems, with its rugged durability, moisture resistance, and salt spray protection.
- **Offshore Drilling Platforms:** Serving as a Human-Machine Interface (HMI) for complex control systems, capable of withstanding harsh marine environments.

Certification





Exhibition



Transportation



PAYMENT



SHIPPING

- If the quantity of order is not very big, we could send them to you by express delivery, such as TNT, DHL, UPS OR EMS etc.
- If order is big, we will advise you use Air Shipping or Sea Shipping through your nominated forwarder agent. Our long-term cooperated agent also available.



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