

MPN: 0070-24110-WT-OS

# **10" Full-HD Touch Monitor. Capacitive 10-point multi-touch - with Windows 10 - I5, 6GB RAM, ordinary hard disk, 4G wireless network card. IP67/IP22 vandal proof IK10**

## **Product Overview:**

Ernitec introduces its latest touch screen monitors, designed specifically for harsh environments.

With operation Windows system - I5, 6G memory, ordinary hard disk, with 4G wireless network card

These monitors feature IP67 protection on the front and IP22 protection on the back, ensuring durability and reliability in wet and humid conditions.

The capacitive touch technology offers precise and responsive interaction, making them ideal for various applications.

## **Key Features:**

**IP67 Front Protection:** Complete protection against dust and water, allowing the monitors to withstand immersion up to 1 meter for 30 minutes

**IP22 Back Protection:** Protection against dripping water when tilted up to 15 degrees, suitable for indoor environments

**Capacitive Touch Technology:** Provides accurate and responsive touch capabilities, enhancing user experience

**Swimhall Ready:** Specifically designed to perform optimally in swimhall environments, resisting humidity and water exposure

## **Target Audience:**

**Swimhalls and Aquatic Centers:** Ideal for installations in swimhalls, aquatic centers, and other wet environments

**Industrial Applications:** Suitable for factories and industrial settings where water and humidity are prevalent.

**Outdoor Venues:** Perfect for outdoor installations requiring robust and weather-resistant monitors.

## **Benefits:**

**Durability:** With IP67 and IP22 ratings, these monitors are built to last in challenging environments.

**Enhanced User Experience:** Capacitive touch technology ensures smooth and precise interaction.

**Versatility:** Suitable for a wide range of applications, from swimhalls to industrial settings.

## **Marketing Strategy:**



**Highlight Durability:** Emphasize the IP67 and IP22 ratings in marketing materials to showcase the monitors' resilience.

**Focus on User Experience:** Promote the benefits of capacitive touch technology for improved interaction.

**Target Specific Markets:** Tailor marketing campaigns to swimhalls, industrial applications, and outdoor venues.

**Conclusion:** Ernitec's new touch screen monitors are the perfect solution for environments where water and humidity are a concern.

With their robust protection and advanced touch technology, they offer reliability and enhanced user experience, making them a valuable addition to any swimhall or industrial setting.

These specific monitors when installed outside needs to have a roof or being built into a wall to protect the backside of the monitor.



## Specifications

|                        |                                    |                                                       |
|------------------------|------------------------------------|-------------------------------------------------------|
| Design                 | Housing material                   | Metal                                                 |
|                        | International Protection (IP) code | IP67                                                  |
|                        | Mean time between failures (MTBF)  | 50000 h                                               |
| Display                | Aspect ratio                       | 16:9                                                  |
|                        | Display brightness                 | 138 cd/m <sup>2</sup>                                 |
|                        | Display diagonal                   | 10 "                                                  |
|                        | Display number of colours          | 16.7 million colours                                  |
|                        | Display resolution                 | 1920 x 1080 pixels                                    |
|                        | Display technology                 | LCD, LED                                              |
|                        | LED backlight                      | Yes                                                   |
|                        | Number of simultaneous touchpoints | 10                                                    |
|                        | Pixel pitch                        | 0.630(H)×0.630(V) mm                                  |
|                        | Response time                      | 5 ms                                                  |
|                        | Touchscreen technology             | Capacitive                                            |
|                        | Viewing angle, horizontal          | 178 °                                                 |
|                        | Viewing angle, vertical            | 178 °                                                 |
| Ergonomics             | On Screen Display (OSD) languages  | English                                               |
|                        | Panel mounting interface           | 75 x 75 mm                                            |
|                        | VESA mounting                      | Yes                                                   |
| Network                | Wi-Fi                              | Yes                                                   |
| Operational conditions | Operating temperature (T-T)        | -30 - +85 °C                                          |
| Other features         | Accessories included               | Industrial PSU,Screw, Cable holder, Quick start guide |

|                    |                              |                                                             |
|--------------------|------------------------------|-------------------------------------------------------------|
| Other features     | Active display area (W x H)  | 211.2mm(W)×158.4mm(H) mm                                    |
|                    | Certification                | EMC Class A                                                 |
|                    | Contrast ratio               | 1000:1                                                      |
|                    | Noise filter                 | Yes                                                         |
|                    | Operating system             | Windows 10                                                  |
|                    | Power consumption            | 6 W                                                         |
|                    | Speakers                     | 2x3W (Stereo)                                               |
|                    | Touchscreen                  | Yes                                                         |
|                    | Touchscreen type             | Capacitive                                                  |
|                    | USB ports quantity           | 1                                                           |
| Performance        | Operating hours (hours/days) | 24/7                                                        |
|                    | Operating system installed   | Windows                                                     |
| Ports & interfaces | DisplayPorts quantity        | 0                                                           |
|                    | HDMI ports quantity          | 2                                                           |
| Power              | Socket connector type        | C13                                                         |
| Vendor information | Brand Name                   | Ernitec                                                     |
|                    | Homepage                     | <a href="http://www.ernitec.com">http://www.ernitec.com</a> |
|                    | Warranty                     | 5 Year(s)                                                   |

## Other products in this series

| Display diagonal |                              |
|------------------|------------------------------|
| 10               | 0070-24115-WT-OS             |
| 13               | 0070-24113-WT-OS             |
| 24               | 0070-24124-W-TOUC<br>H-OS-ST |
| 27               | 0070-24127-W-TOUCH<br>-OS-ST |
| 32               | 0070-24132-WT-OS-IP<br>65    |

## Other images

