

## ePanel series

## Industrial Monitors

## Industrial Components



Elevation

Series of IP65 industrial touch monitors of professional range for outdoor use or sunlight incidence (\*). Brightness sensor and **selector for automatic brightness adjustment**. Different sizes from 10.1" to 21.5". Tempered glass hardness 7H, optical bonding and UV protection. 3mm aluminium alloy front bezel, durable and specially designed for panel mounting. **Allows 12v and 36v voltage**.



Rear

## TECHNICAL SPECIFICATIONS

## Most used sizes:

## 15" panel

- Native resolution: 1024x768 (4:3)
- Contrast: 1000:1 / Brightness: 1000cd/m2
- Operating Temp.: -20 ~ 70 °C

## 17" Panel

- Native resolution: 1280x1024 (5:4)
- Contrast: 1000:1 / Brightness: 1000cd/m2
- Operating Temp.: -20 ~ 70 °C

## 21.5" Panel

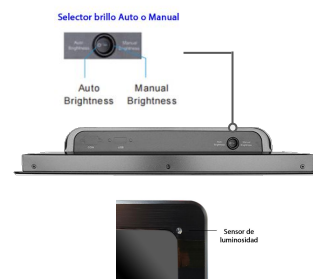
- Native resolution: 1920x1080 (16:9)
- Contrast: 1000:1 / Brightness: 1200cd/m2
- Operating Temp.: -20 ~ 70 °C

**Other sizes available:** 10.1" 1280\*800 16:10 / 10.4" 1024\*768 4:3 / 11.6" 1920\*1080 16:9 / 12" 1024\*768 4:3 / 12.1" 1280\*800 16:10 / 13.3" 1920\*1080 16:9 / 15.6" 1920\*1080 16:9 / 18.5" 1920\*1080 16:9 / 19" 1280\*1024 4:3 / 19.1" 1440\*900 16:10. Consult other sizes.

-<Touch interface RJ45 to USB. Standard VGA, DVI and HDMI video input.  
 - Industrial LCD display with multi-language OSD panel.  
 - Front bezel housing made of 3mm aluminium alloy, durable and perfect for paneling.  
 - Multi-point capacitive touch screen.  
 - Compatible with Windows, Linux and Android operating systems.  
 Greyscale response time 5ms  
 Dot distance: 0.264mm  
 Contrast From 800:1 / Brightness 1000cd/m2  
 LED backlight type, use length≥5000h Display colour: 16.7 million  
 Viewing angle 160/160° (customisable 178° full viewing angle)  
 Number of touches ≥ 50 million times  
 Power supply 4A. External power adapter  
 Power output 100-240V, 50-60HZ  
**Input voltage 12-36V. Power ≤48W**  
**Antistatic contact 4KV-air 8KV**  
**GB2423 anti-vibration standard**  
**Anti-EMC interference** EMI anti-electromagnetic interference  
 Ambient temperature <80%, non-condensing.  
 Working temperature -20°C~70°C  
 Audio input and output

## OTHER TECHNICAL DATA

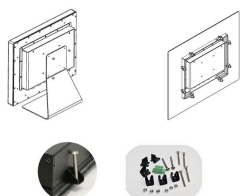
## I/O PORTS



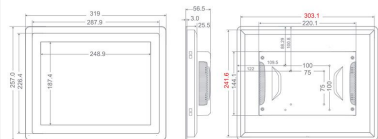
## INSTALLATION METHODS

VESA, 100x100mm  
75x75mm

PANEL  
MOUNT



DRAWING PANEL 12.0"



## PRODUCT FEATURES

- > Touch screen with UV protection.
- > Optical bonding screen effectively prevents the screen from fogging up.
- > The brightness of the display can be adjusted, with automatic sensitivity adjustment and manual adjustment via OSD keys.
- > EMC compliant against electromagnetic interference.
- > Industrial protection and adaptable to harsh environments.

## MOST COMMON APPLICATIONS

- > Outdoor interactive kiosks.
- > Self-collection / self-payment terminals.
- > Outdoor advertising and digital signage.
- > Unattended outdoor kiosks.

## SECTORS OF APPLICATION

- > Shipbuilding industry: boats, ships, vessels.
- > Automotive industry
- > Transport & Logistics
- > Military
- > Airports
- > Catering
- > Supermarkets
- > Service stations

## SOME SUCCESS STORIES

- > Outdoor kiosk assembly.
- > Solutions for military equipment.

## ALTERNATIVE REFERENCES

- > eMonitor TH EXT

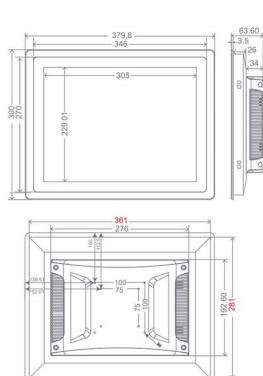
## CERTIFICATIONS

**Vibration Protection:** IEC 60068-2-64, Random, 5 ~ 500 Hz, 1 hr/axis.  
**Impact Protection:** IEC 60068-2-27, Half sine wave, Lasting for 11ms.  
**Product Certification:** CCC / CE / FCC / EMC / CB / ROHS.

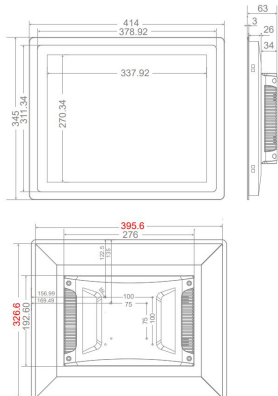


## DIMENSIONS

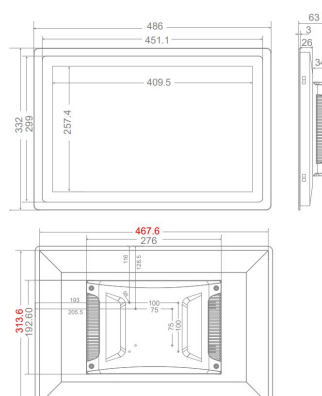
## DRAWING PANEL 15"



## DRAWING PANEL 17"



## DRAWING PANEL 19.1"



## DRAWING PANEL 21.5"

