eMonitor TH-C-EXT- Auto

OUTDOOR TOUCHSCREEN MONITORS

eosibérica

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 [eMonitor TH 15" EXT]
- 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: 1920×1080 (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.

OTHER TECHNICAL DATA

-<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≥50000h 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

I/O PORTS

INSTALLATION METHODS

VESA. 100x100mm 75x75mm

PANEL MOUNT

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

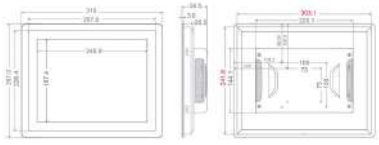
> eMonitor TH EXT

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.

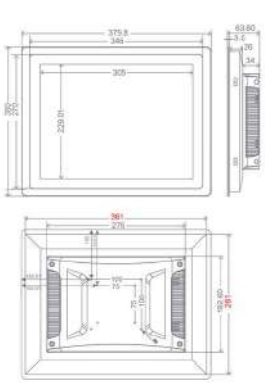
IP 65

DRAWING PANEL 12,0”

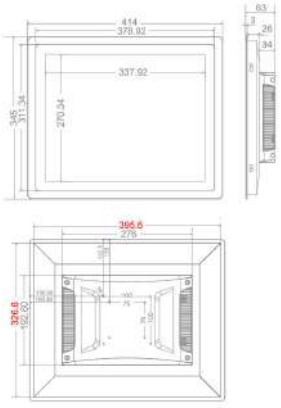


DIMENSIONS

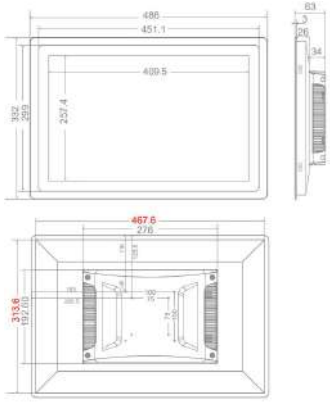
DRAWING PANEL 15”



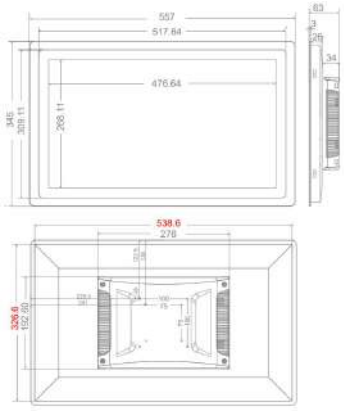
DRAWING PANEL 17”



DRAWING PANEL 19,1”



DRAWING PANEL 21,5”



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