

# Industrial Monitor for Special Vehicle

It is made of aluminum alloy. The front panel is IP65 waterproof, the back cover is dust-proof and the interface is water-proof. It is compact and durable. Capacitive touch screen, with the front panel key function added, makes the operation more intuitive; The shockproof structure layout inside the fuselage is specially designed for the needs of special vehicles such as shockproof, waterproof and dust-proof, precise positioning, and external equipment, which can meet the supporting needs of industrial special vehicles, high-speed rail dispatching platforms, agricultural vehicles and other models.

## Features >>

- 10.1 inch on-board special display, specially designed for special vehicles.
- Independent research and development of display drive board, independent mold opening in appearance.
- Industrial protection, adapting to various harsh environments.
- Support 12-36V wide voltage power supply, high and low temperature resistance.
- The shockproof layout design is adopted, shockproof and fall resistant, and the shockproof standard reaches GB2423.
- Anti falling aviation joint design, dust-proof, water-proof, oil-proof, vibration proof and falling off.



10.1"



## Product Model >>

Product size	Non-touch	Capacitive Touch	Resistive Touch	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle
10.1"	TPC101-M2000	TPC101-M2010	TPC101-M2020	1280*800	16:10	300cd/m <sup>2</sup>	1000:1	85/85/85/85 (L/R/U/D)



## Product Installation >>



Vehicle-mounted ball head rotatable stands mounting



Wall mounted installation



Cantilever installation

## Product Specifications >>

### Screen parameters

Size	10.1"
Resolution/functions	1280*800
Display Area	135.36(H) X216.576(V) mm
Pixel pitch(mm)	0.1692(H) X 0.1692(V)

### Hardware Configuration

CPU	RTD2513
Key functions	Volume +, Volume -, Power on/off, Menu, Chanel
Menu language	Multi language (default English)
Video input	PC-RGB:Format.Up to 1920*1080@60HZ PC-RGB:Color;16bit, 24bit, 32bit

### Touch Screen

Capacitive Touch	Touch screen type: 10 point touch projection capacitive touch screen Light transmittance: $\geq 88\%$ Input mode: handwriting or capacitive pen Controller communication: USB
Resistive Touch	Touch screen type: single point resistive touch screen Light transmittance: $\geq 78\%$ Input mode: Fingertip or stylus Controller communication: USB
Non Touch	Light transmittance: $\geq 92\%$

### Reliability parameters

Working temperature	- 10 ° C~60 ° C
Storage temperature:	- 20 ° C~70 ° C
Operating humidity	Humidity: 95% non condensing
Vibration protection	IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, half sine wave, duration 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS
Waterproof	Front panel reaches IP65 protection level

### Other parameters

Power Input	12V-36V Power Input
Static power	18W
Fuselage Properties	Body material: aluminum alloy, Body color: classic black
Warranty Policy	Three years (one year free warranty)
Installation Method	Support vehicle mounted ball head rotatable bracket installation, wall installation, cantilever installation, etc

### I/O Interface

Power interface	1*waterproof circular connector (GX12-3 pin) ,Support 12V-36V wide voltage power supply
VGA	1*waterproof circular connector (GX12-15 pin)
TOUCH	1*waterproof circular connector (GX12-4 pin)

## Interface Distribution >>

