

TPC070-M2810-ZS

The entire panel features a 3mm ultra-thin bezel designed for embedded installation, with an aluminum alloy structure and a fanless, fully enclosed design. Equipped with a self-developed industrial display driver board, the device offers excellent anti-interference and heat dissipation performance, making it resistant to harsh conditions such as extreme temperatures, oil stains, dust, and vibrations. It is an ideal choice for industrial control, terminal equipment, and human-machine interaction (HMI).

Features

- Aluminum alloy enclosure, easy embedded design
- IP65 protected flat front panel
- High precision aluminum alloy material.
- Industrial grade components
- Capacitive/resistive/non-touch
- HDMI/VGA/DP for display high compatibility



Main board



DC 12-36V



-10°C~60°C



IP65 front



Expand interface



24H operation



Model

Product size	7"
Capacitive touch	TPC070-M2810-ZS

I/O Interface



TOUCH

HDMI

DP

VGA

Audio I/O

Phoenix terminal

GND

Specification

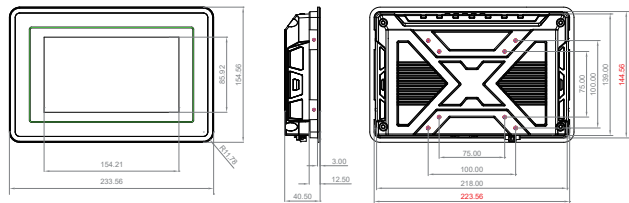
Screen Parameter	
Display type	7" TFT LCD screen
MAX.resolution	1024*600 (16:9)
Viewing angle(H/V)	75/75/70/75 (L/R/U/D)
Luminance (cd/m²)	500 cd/m²
Contrast ratio	500:1

Touch Parameter	
Touchscreen	Projection capacitive touch 10-point multi touch
Light transmission	≥88%
Controller	USB (COM customized)

Configuration	
CPU	RTD2513
Key function	AUTO/MENU/POWER/LEFT/RIGHT
System language	Multilingual (default: English)
Video input	PC-RGB:Format Up to 1920*1080@60Hz Color 16bit/24bit/32bit

Power Parameter	
Power input	DC 12V-36V

Dimension



Physical Characteristic	
Overall dimensions	W233.56x H154.56x D40.5mm
Installation size	W225.56 x H146.56mm
Material	Aluminum alloy
Color	Black, optional silve
Installation	Supports Panel-mount/Wall-embedded/Wall-mounted/Desktop/ Folding mounting/VESA mount/Suspended mounting, etc.

Interface Parameter	
Phoenix terminal	1*2Pin Phoenix terminal (Optional with thread DC 5.5*2.1)
HDMI	1*HDMI, Support HDMI data input, With a maximum of 1080P
Touch interface	1*RJ45 port (USB defined) comes standard with RJ45 to USB touch cable
VGA	1*VGA, Analog signal transmission
DP	1*DP
Audio interface	1*Audio I/O, Support audio input and output
Grounding	1*GND

Reliability Parameter	
Operating temperature	-10°C~60°C (-20°C~70°C can be customized)
Storage temperature	-20°C~70°C
Relative humidity	95% non-condensing