

It adopts optical bonding to prevent screen fogging, and has an automatic photosensitive probe built in, which supports automatic photosensitive adjustment and manual key adjustment. The LCD screen has a wide temperature and high brightness function, and the flat front panel is up to IP65 dustproof and waterproof, which can cope with the harsh outdoor environment with large temperature difference and high humidity.

## Features

- UV anti-ultraviolet touch screen.
- Optical Bonding Process.
- Adjustable Brightness.
- Intelligent heat dissipation control.
- Stable operation for a long time under high temperature and strong sunlight environment.



## Model

|                  |    |
|------------------|----|
| Product Size     | 8" |
| Non-touch        |    |
| Capacitive touch |    |
| Resistive touch  |    |

## I/O Interface



## Specifications

### Screen Parameter

|                |                       |
|----------------|-----------------------|
| LCD size       | 8" TFT LCD            |
| Resolution     | 1024*600(16:9)        |
| Viewing angle  | 85/85/85/85(L/R/U/D)  |
| Brightness     | 700 cd/m <sup>2</sup> |
| Contrast ratio | 1000:1                |

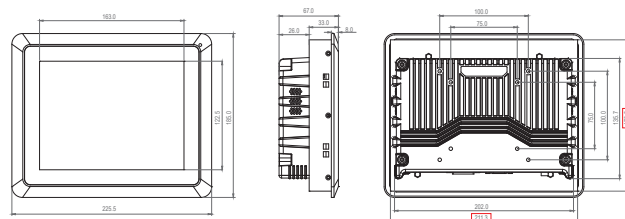
### Touch Parameter

| Touch type         | Projection capacitive touch, 10-point multi touch | Resistive touch Single point | Non-touch |
|--------------------|---------------------------------------------------|------------------------------|-----------|
| Light transmission | ≥88%                                              | ≥78%                         | ≥92%      |
| Touch object       | Handwriting or Capacitance pen                    | Fingertip or stylus          | /         |
| Controller         | USB ( COM customized)                             | USB ( COM customized)        | /         |

### Configuration

|                |                            |                 |                                                            |
|----------------|----------------------------|-----------------|------------------------------------------------------------|
| CPU            | RTD2513                    | System language | Multilingual (default: English)                            |
| Hot key/button | AUTO/MENU/POWER/LEFT/RIGHT | Video input     | PC-RGB:Format Up to 1920*1080@60HZ Color 16bit/24bit/32bit |

## Dimensions



### Physical Characteristic

|                    |                     |
|--------------------|---------------------|
| Overall dimensions | W225.5x H185x D67mm |
| Size of opening    | W213.3 x H172.8mm   |

### Interface Parameter

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| Phoenix terminal  | 1*2P Phoenix terminal (DC/GND)                           |
| Power interface   | 1*Threaded DC connector (Diameter 5.5*2.1mm)             |
| HDMI              | 1*HDMI, Support HDMI data input, With a maximum of 1080P |
| Touch interface   | 1*TOUCH (RJ45)                                           |
| VGA               | 1*VGA, Analog signal transmission                        |
| DVI               | 1*DVI, Digital signal transmission                       |
| Audio             | 1*Audio I/O, Support audio input and output              |
| Brightness switch | Manual brightness and automatic brightness switch button |
| Ground column     | Support(1*GND)                                           |

### Reliability Parameter

|                     |                                               |
|---------------------|-----------------------------------------------|
| Working temperature | -20°C~70°C                                    |
| Storage temperature | -30°C~80°C                                    |
| Relative humidity   | 95% Non-Condensing                            |
| Waterproof grade    | The front panel reaches IP65 protection level |

### Power Parameter

|               |            |
|---------------|------------|
| Power input   | DC 12V~36V |
| Power adapter | 24V/2.5A   |