

TPC215-WT02

Adopt a higher standard LCD screen and a high-precision touch screen. The fuselage is made of aluminum alloy structure. The fully enclosed fanless design scheme is specially designed for complex medical environment, which can ensure long-term stable operation under complex medical conditions; All products have obtained medical test reports such as EMI, ESD, safety regulations, pulse group, emission radiation, etc.

Features

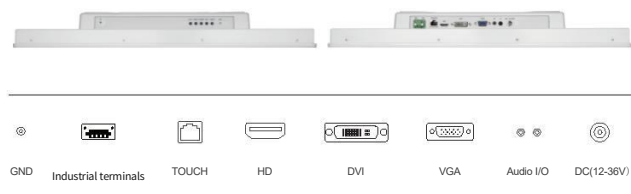
- Self-developed industrial motherboard with multiple touch modes
- Anti-vibration, anti-radiation, anti-static layout structure design
- Upgraded anti-interference internal layout, ESD up to: $\pm 8KV \sim \pm 15KV$.
- Industrial-grade protection, adapt to a variety of harsh environments.
- Obtained medical industry test report EN 60601-1-2:2015
- Supports desktop, wall, cantilever, boom and recessed mounting



Product Model

| | |
|------------------|-------------|
| Product Size | 21.5" |
| Non-touch | TPC215-WT02 |
| Capacitive touch | TPC215-WT12 |
| Resistive touch | TPC215-WT22 |

Product Interface



Product Specifications

Screen Parameters

| | |
|----------------|-----------------------|
| LCD size | 21.5" TFT LCD |
| Resolution | 1920*1080 |
| Viewing angle | 89/89/89/89(L/R/U/D) |
| Colour | 16.7M |
| Brightness | 300 cd/m ² |
| Contrast ratio | 1000:1 |

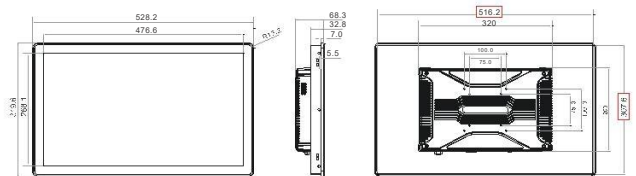
Touch Parameters

| | | | |
|--------------------------|---|--------------------------------------|-----------|
| Touch type | 10-point touch projection Capacitive touch screen | Single-point Resistance touch screen | Non-touch |
| Transmittance | ≥88% | ≥78% | ≥92% |
| Input mode | Handwriting or Capacitance pen | Fingertip or stylus | / |
| Controller communication | USB | USB | / |

Hardware Configuration

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

Product Size



Physical Characteristics

| | |
|--------------------|-------------------------|
| Overall dimensions | W528.2x H319.6x D68.3mm |
| Size of opening | W518.2x H309.6mm |

Interface Parameters

| | |
|------------------|---|
| Grounding column | Support (1*GND) |
| Power interface1 | 1*Industrial terminals, Support 12V-36V wide voltage power supply |
| Power interface2 | 1*DC2.1, Support 12V-36V wide voltage power supply |
| HDMI | 1 * HDMI, supports HDMI data input, and supports 1080P at most |
| Touch interface | 1*TOUCH (RJ45) |
| VGA | 1*VGA, Analog signal transmission |
| DVI | 1*DVI, Digital signal transmission |
| Audio interface | 1*Audio I/O, Support audio input and output |

Product Reliability Parameters

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|-----------------------|--|
| Working temperature | -20°C~70°C |
| Storage temperature | -30°C~80°C |
| Relative humidity | Humidity: 95% Non-Condensing |
| ESD | Contact $\pm 8KV$, air $\pm 15KV$ |
| 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 |
| Waterproof grade | The front panel reaches IP65 protection level |

Power Parameters

| | |
|--------------|------------|
| Power input | DC 12V~36V |
| Static power | 18W |