

TM-PR150

15.0" Resistive touch panel mounting Industrial monitor

Specification

V2.0

Key features:

- 15.0" TFT LCD, LED backlit, Resolution 1024 x 768;
- high-temp. precision 5-wires resistive touch;
- Front Panel PET laminated;
- Aluminum-magnesium alloy, anodic treatment;
- Multi DVI+VGA Signal input;
- Industrial temp. -20°C~+70 °C ;
- Panel mounting and VESA mounting;
- Optional No-touch function, with Glass

Product Image



Brief Introduction

TAICENN TM-PR150 series is an enhanced stability and reliability industrial 15.0-inch **panel mounting** Resistive Touch monitor product. The design uses a high-temp precision 5-wires Resistive touch screen, and it can fulfill front panel NEMA/IP65 dust-proof and water-proof standards.

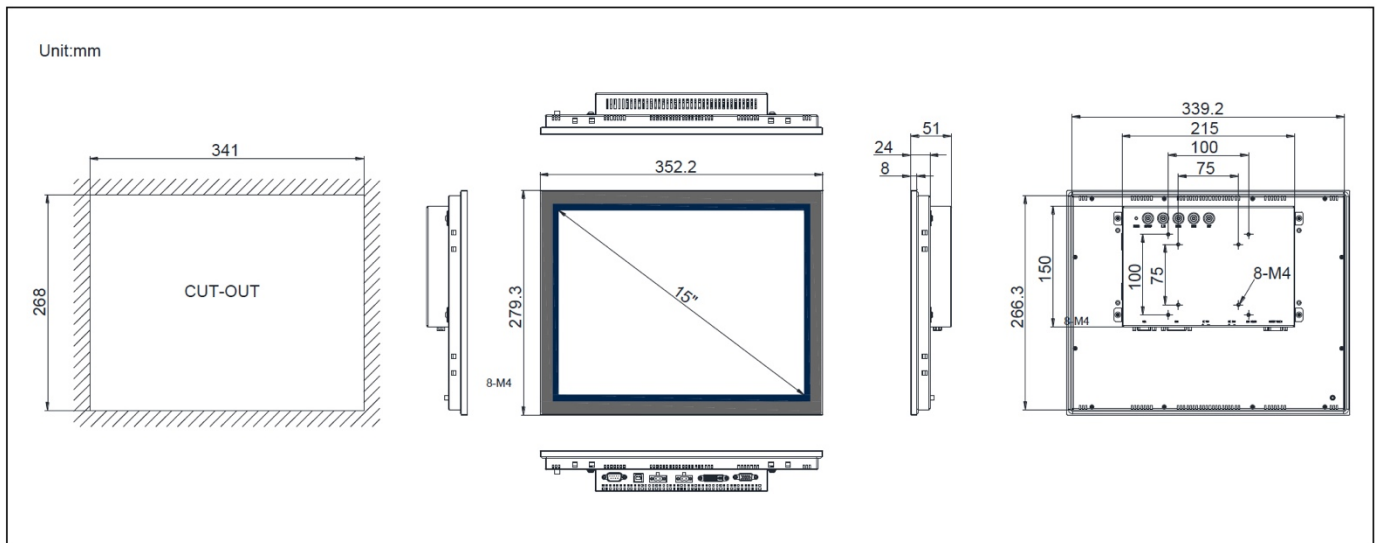
The TM-PR150 uses full-sealed box construction, and its front panel complaints NEMA / IP65 waterproof and dust-proof standard, to prevent installation in the control cabinet because of the scene splashing water droplets and water vapor into the host and thus affect equipment operation; high-strength steel box structure, so that it can adapt to the harsh industrial site work environment, the most suitable for factory automation, machinery manufacturing, CNC equipment, textile equipment, communication networks, power automation and other industrial applications.

Technical Data

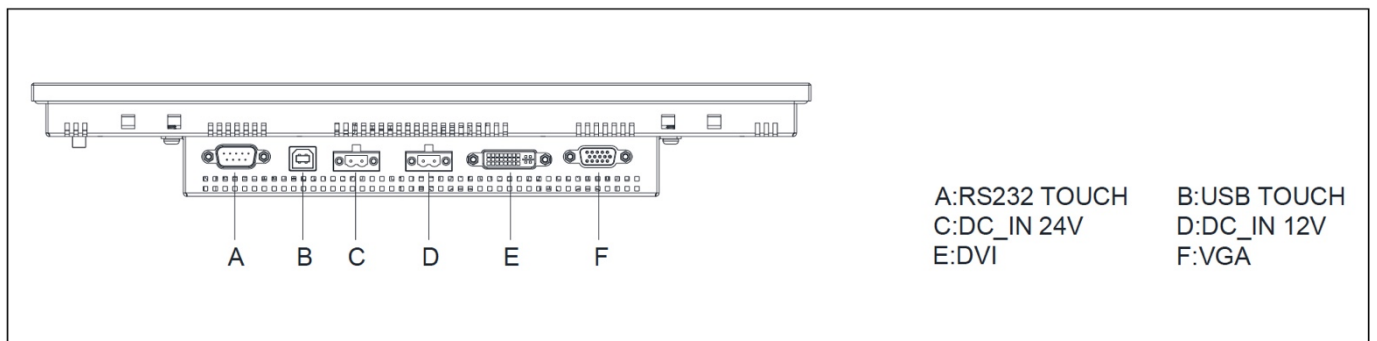
| Basic Parameter | |
|-------------------|---|
| Button | OSD Button in back panel |
| Overall Dimension | 352.2 x 279.3 x 51mm (W*H*D) |
| Hole Dimension | 341 x 268mm (W*H) |
| Structure | Front Panel: Aluminum-magnesium alloy, anodic treatment Back panel: SGCC |
| Mounting | Panel Mounting, VESA 75/100 |
| Display port | 1*DVI,1*VGA |
| New weight | 3.5 KG |
| LCD | |
| Size/Type | 15.0" TFT LCD |
| Resolution | 1024 * 768 (XGA) |
| Backlit MTBF | WLED, 30 000 hours |
| Brightness | 400 (cd/m ²) |
| Display area | 304.13 x 228.10 mm (H x V) |
| Contrast ratio | 800: 1 (Typ.) |
| Viewing angle | 80/80/80/80 (Typ.) |
| TOUCH | |
| Type | High-temp. precision 5 wires Resistive touch |
| Interface | USB (Optional RS232) |
| Transmittance | >80±3% |
| Resolution | 4096 x 4096 |
| Click life | 250g/ 35 000 000 times |
| Response time | <15ms |

| | |
|----------------------------------|-----------------------------------|
| Operating force | ≤50g |
| Surface hardness | >Mohs 3H |
| Power & Environmental | |
| Working temperature | -20℃~+70℃ |
| Storage temperature | -30℃~+80℃ |
| Water Proof | IP65 rating in front panel |
| Relative humidity | 10~95%@10℃ (No condensation) |
| Vibration | 50~500Hz,1.5G,0.15mm peak to peak |
| Shock | 10G/peak (11ms sec) |
| Power input | DC 12V or DC 24V |
| Power consumption | Around 20W |
| Certification | CE/ROHS/FCC |

Dimension



Interface



Ordering Information

| Ordering Part no. | Description |
|-------------------|---|
| TM-PR150U | 15.0" TFT LCD 1024*768/Resistive Touch/USB/ DVI/VGA/DC 12V/40W power adapter |
| TM-PR150UW | 15.0" TFT LCD 1024*768/Resistive Touch/USB/ DVI/VGA/DC 24V |
| TM-PR150S | 15.0" TFT LCD 1024*768/Resistive Touch/RS232/DVI/VGA/DC 12V/40W power adapter |
| TM-PR150SW | 15.0" TFT LCD 1024*768/Resistive Touch/RS232/DVI/VGA/DC 24V |

TAICENN Technology

*TAICENN, is a leading global **solution provider** of Embedded Box IPC, Touch panel IPC and industrial monitor, which are designed specifically for systems and applications that require excellent performance, high-level reliability and stability, long supply period and supports.*

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