

TPM-3212

12.1" XGA 4:3 PCAP / Resistive Industrial Touch Monitor

Applications

- Industrial HMI Solution
- Factory Automation
- Point-of-sale (POS) / Point-of-interest (POI)
- ATM / Self-service / Kiosk Application

Features

- 12.1" XGA LCD Panel up to 1024 x 768 Resolution
- Projected Capacitive / 5-wire Resistive Touch Technology
- Supports 1 x HDMI and 1 x VGA
- Touch Interface: 1 x USB and 1 x COM
- -20°C to 60°C Operating Temperature
- 12V DC Power Input with Terminal Block
- Panel and VESA Mounting



Ordering Information

| Part No. | Description |
|--------------|--|
| TPM-3212P-A4 | 12.1" 4:3 XGA (1024x768), 600nits, PCAP Touchscreen |
| TPM-3212R-A4 | 12.1" 4:3 XGA (1024x768), 600nits, Resistive Touchscreen |

Packing List

| Description |
|---------------------------------|
| 1 x TPM-3212P-A4 / TPM-3212R-A4 |
| 1 x USB Cable |
| 1 x VGA Cable |
| 6 x Panel Mounting Screws |

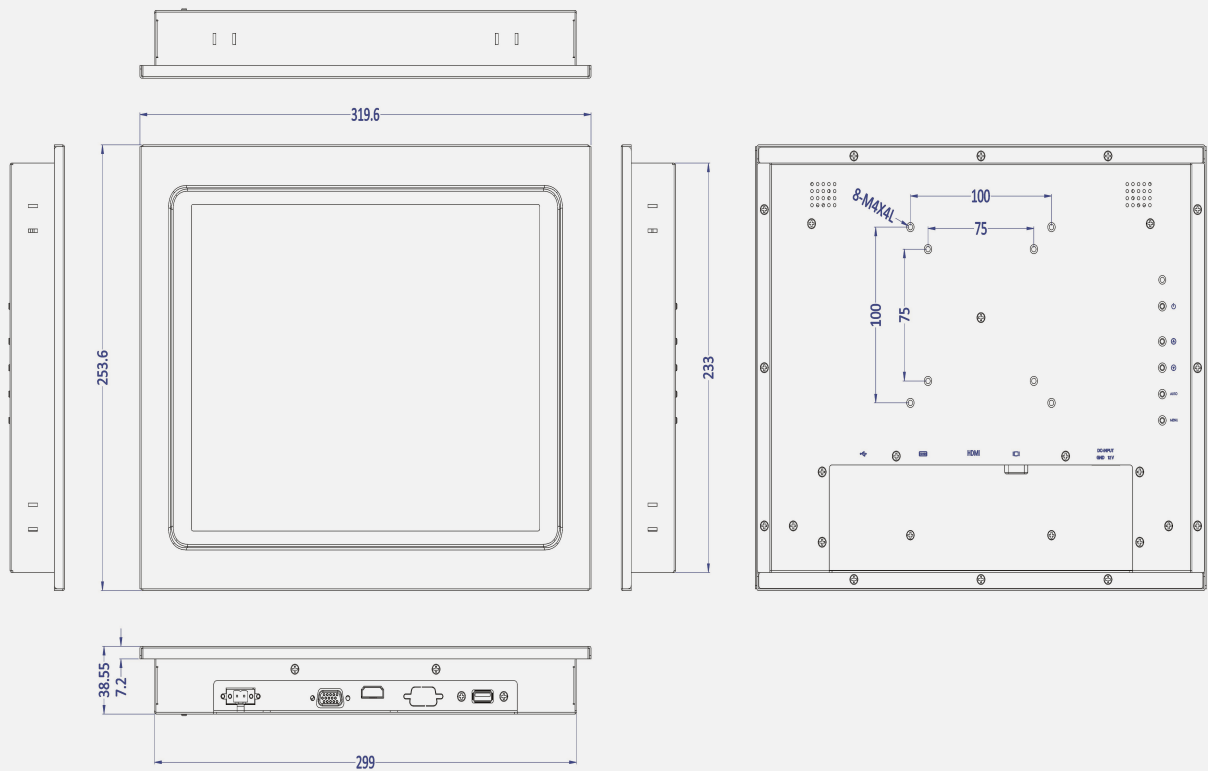
Optional Items

| Part No. | Description |
|------------------------|---|
| EA-PS-60W12VTB2xx-0111 | Adapter AC/DC 12V 5A 60W with 2-pin Terminal Block Plug 5.0mm Pitch |
| ACS-PS-US | Power Cable 3-pin, 180 cm, USA Type |
| ACS-PS-EU | Power Cable 3-pin, 180 cm, Euro Type |
| ACS-PS-CN | Power Cable 3-pin, 180 cm, China Type |
| ACS-100-STD | VESA Table Stand |

Specifications

| Model | TPM-3212P-A4 | | TPM-3212R-A4 | |
|---------------|------------------------|--|-----------------------|--|
| Display | Panel Size | 12.1" | | |
| | Panel Type | LCD Panel | | |
| | Aspect Ratio | 4:3 | | |
| | TPM | 1024 x 768 (XGA) | | |
| | Viewing Angle | 178(H) x 178(V) | | |
| | Brightness | 600cd/m2 | | |
| | Contrast Ratio | 1000:1 | | |
| | Color Support | 16.7M | | |
| Touchscreen | Touchscreen Type | Projected Capacitive (PCAP) | 5-wire Resistive | |
| | Surface Hardness | 7Mohs | 3Mohs | |
| | Transparency | 90% (±3%) | 80% (±3%) | |
| I/O Interface | Video Interface | 1 x HDMI and 1 x VGA | | |
| | Touch Interface | 1 x USB | 1 x USB and 1 x RS232 | |
| OSD Control | Function Key | Touch Monitor On/Off, Auto, Menu, Up and Down, Multi-language OSD | | |
| | Menu | Brightness, Contrast, Color Adjust, Color Temp, Auto Color, Language | | |
| Power | Power Supply Voltage | 12V DC Input | | |
| | Power Connector Type | 1 x 2-pin Terminal Block Connector | | |
| | Power Adapter | 1 x Optional AC/DC 12V/5A, 60W Power Adapter | | |
| Environment | Operating Temperature | -20°C to 60°C | | |
| | Storage Temperature | -20°C to 70°C | | |
| | Humidity | 10%~80% (non-condensing) | | |
| | Vibration | IEC 60068-2-64: 1.5Grms, random, 5~500 Hz, 1hr/axis | | |
| | Shock | IEC 60068-2-27: 15G, half-sine, 11ms duration | | |
| General | Certification | CE / FCC | | |
| | Ingress Protection | IP 54 Compliant Front Panel | | |
| | Material | Front Panel Construction: Die-cast Flat Surface | | |
| | Mounting | Panel Mounting / VESA Mounting (100 x 100mm) | | |
| | Dimensions (W x H x D) | 319.6 x 253.6 x 38.55mm | | |
| | Net Weight | 2.63kg | | |

Dimensions TPM-3212P-A4



Viewing

12.1" XGA LCD Panel up to 1024 x 768 Resolution



Projected Capacitive / 5-wire Resistive Touch Technology