

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

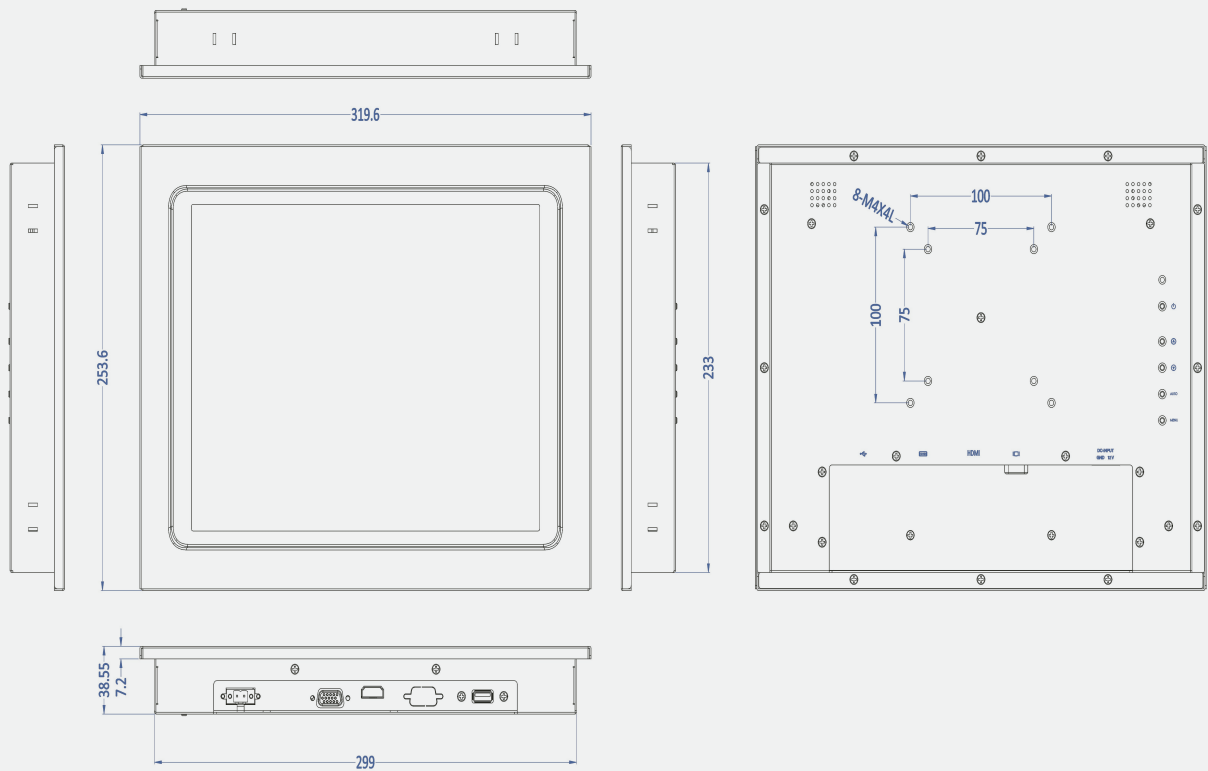
Optional Items

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	-30°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