

TPM-S3312P/R

12.1" Front Panel IP66 Stainless Steel Industrial Touch Monitor

Applications

- Industrial HMI Solution
- Embedded Touch Monitor on chassis
- CNC machine
- Food & Beverage Industry
- Semi-outdoor Application

Features

- 12.1" 1024 x 768 Resolution, 600nits Panel
- True Flat, Easy-to-clean Front Panel Design
- 304 Stainless Steel Front Panel (Optional 316) + SECC Back Cover
- IP66 Rated Front Panel
- Support HDMI and VGA interface
- Support Projected Capacitive and Resistive Touchscreen
- Support VESA and Panel Mounting



Ordering Information

Part No.	Description
TPM-S3312P-A1	12.1" 4:3 (1024 x 768) XGA, 600nits, P-CAP Touch, Front SUS304 + Back SECC, 1 x HDMI, 1 x VGA, USB Interface, 12VDC
TPM-S3312R-A1	12.1" 4:3 (1024 x 768) XGA, 600nits, 5-wire Resistive Touch, Front SUS304 + Back SECC, 1 x HDMI, 1 x VGA, USB & RS232 Interface, 12VDC

Packing List

Description
1 x TPM-S3312P/R
1 x USB Cable
1 x VGA Cable
6 x Panel Mounting Screws

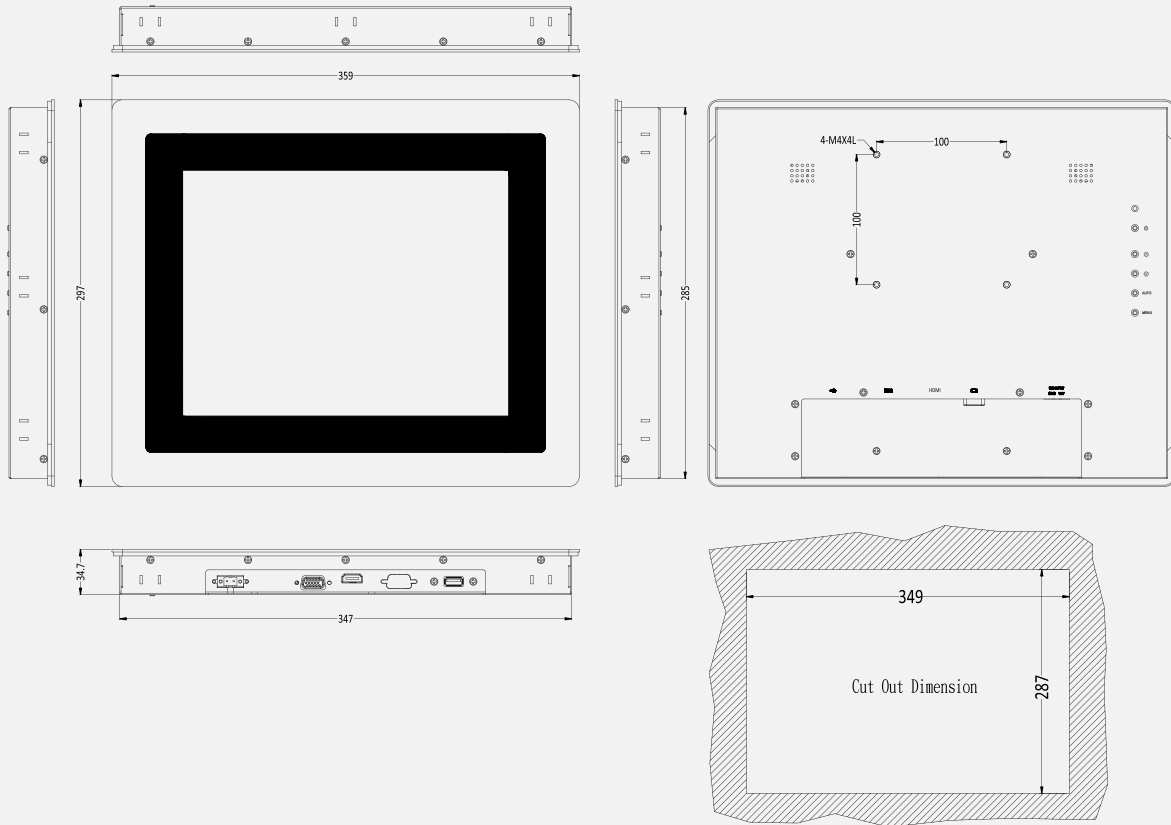
Optional Items

Part No.	Description
EA-PS-60W12VTB2xx-0111	Adapter AC/DC 12V 5A 60W with 2-pin Terminal Block Plug 5.0mm Pitch
27-x301000003-CA	Power Cord, 3-pin US Type, 180 cm
27-x301010005-CA	Power Cord, 3-pin EU Type, 180 cm

Specifications

Model	TPM-S3312P-A1		TPM-S3312R-A1	
Display	Panel Size	12.1"		
	Panel Type	LCD Panel		
	Aspect Ratio	4:3		
	Resolution	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 (P-CAP)	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 RS-232	
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 Adaptor	1 x Optional AC/DC 12V/5A, 60W Power Adapter		
Environment	Operating Temperature	-20C ~ 60°C		
	Storage Temperature	-30C ~ 70°C		
	Humidity	10% ~ 95%, 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 Class A		
	Ingress Protection	Front Panel IP66		
	Material	304 Stainless Steel Front Panel (316 for option) + SECC Back Cover		
	Mounting	VESA (100 x 100mm) / Panel		
	Dimensions (W x H x D)	359 x 297 x 34.7mm		
	Net Weight	3.0kg		

Dimensions



Viewing

