

12.1 LCD Industrial Openframe Touch Screen



Features

- 12.1" LCD Panel up to 1024 x 768 Resolution
- 5-wire Resistive / Projected Capacitive Touch Technology
- 12-24 V DC Power Input with Connector
- USB Touch Interfaces
- -20~60° C Operating Temperature
- VGA and DVI-D Video input

Applications

- Embedded HMI Display System
- Factory / Manufacturing Automation
- ATM / Self-service / Kiosk Applications
- Vending Machine / Ticketing Machines

→ Packing List

Description
1 x TPM-3112
1 x Driver CD
1 x USB Cable
1 x VGA Cable

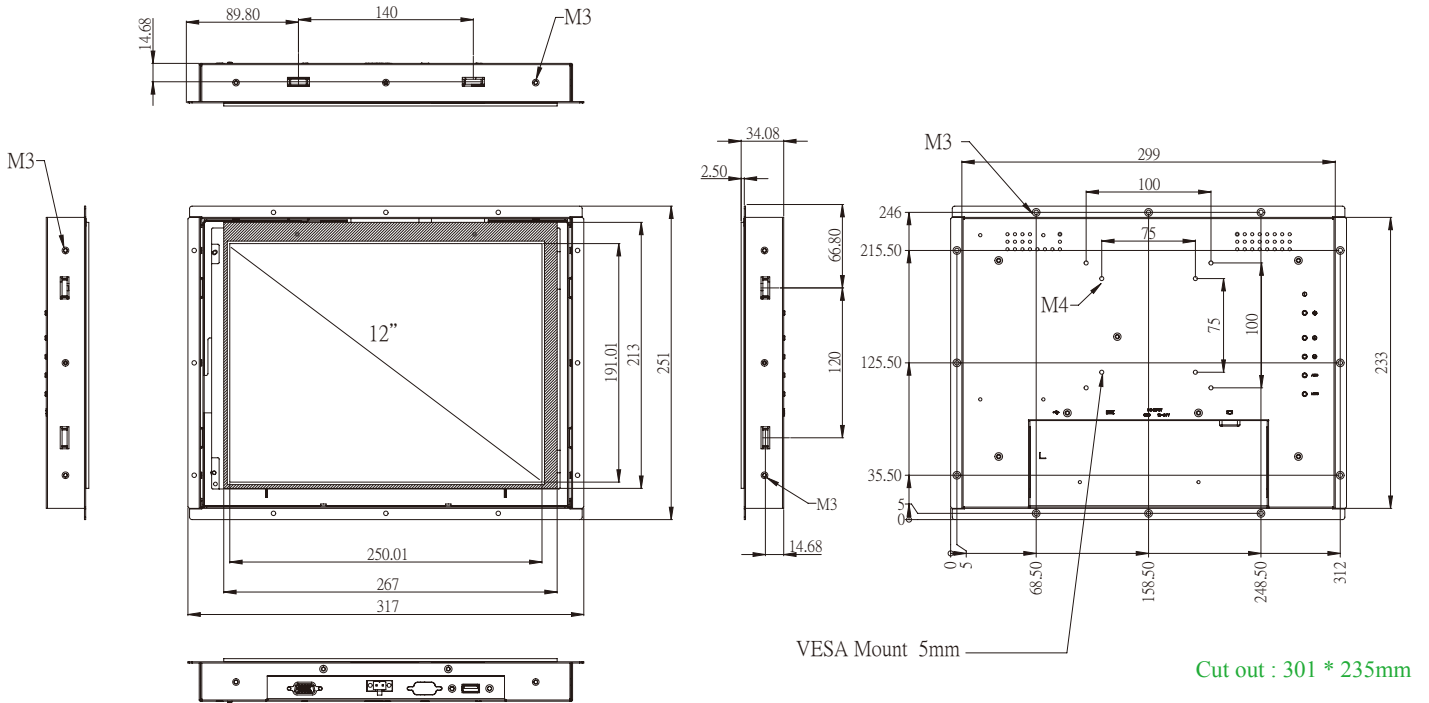
→ Optional Items

Part No.	Description
ACS-100-STD	VESA Table Stand

→ Ordering Information

Part No.	Description
TPM-3112P-A3	12.1" XGA Industrial Openframe Projected Capacitive Touch Display
TPM-3112R-A3	12.1" XGA Industrial Openframe Resistive Touch Display

→ Dimensions



→ Specifications

Model		TPM-3112P	TPM-3112R
Display	Panel Size	12.1" LCD Panel	
	Resolution	1024 x 768 (XGA)	
	Viewing Angle	80 x 80 (H) x 65 x 75 (V)	
	Brightness	450 (cd/m ²)	
	Color Support	16.2 M /262 K colors	
	Contrast Ratio	700:1	
	Response Time	35 (msec)	
Touchscreen	Type	Projected Capacitive	5-Wire Resistive
	Surface Hardness	7 Mohs	3 Mohs
	Durability	-	10 million touches
	Transparency	90% (±3%)	80% (±3%)
I/O Interface	Video Interface	1 VGA and 1 DVI-D	
	Touch Interface	Projected Capacitive (for USB only) / 5-Wire Resistive (for USB)	
OSD Control	Function Keys	5 Keys: Menu, Up, Down, Auto Adjust, Monitor Power on/off Menu Functions: Brightness, Contrast, Color Adjust, Color Temp, Auto Color, Language	
Power	Power Connector	Phoenix Terminal Block, 2 pins	
	Power Input	12-24 V DC power input	
	Power Consumption (Typical)	6.8 W	
Environment	Operating Temperature	-20~60° C (-4~140° F)	
	Storage Temperature	-30~70° C (-22~158° F)	
	Humidity	5~95% @ 40° C, Non-condensing	
	Vibration	5-500 Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis	
General	Ingress Protection	Openframe Type	
	Dimensions (W x H x D)	317 x 251 x 34.08 mm (12.48" x 9.88" x 1.34")	
	Weight	TBD	
	Operating System	Windows 7/8.1/10, WES7, WE8S, Linux Fedora, Ubuntu	