TPM-3215

Industrial 15" LED Projected Capacitive Multi-touch Display

Arestech's ultra-slim LED display utilizes an industrial grade panel that provides 50,000 hours of operational life. The TPM-3215 offers a variety of touch solutions (5-wire resistive and projective capacitive), and optional open frame display design allows customers to integrate TPM-3215 into different environments. In addition, the TPM-3215 is equipped with a projective capacitive touchscreen that supports multi-touch gestures, fast touch screen response, high surface hardness and screen light resistance. The TPM-3215 provides more convenience in industrial automation, medical, digital signage, home and office automation applications.

Features

- 15" XGA LCD panel supports up to 1024 x 768 resolution
- 5-wire resistive touch technology
- 12~24 V DC power input with terminal block
- Panel and VESA mounting
- Combined touch interfaces: RS-232 and USB
- Simple, elegant design with IP54 front panel protection
- -20 ~ 60° C operating temperature (optional)

Applications

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

TPM-3215

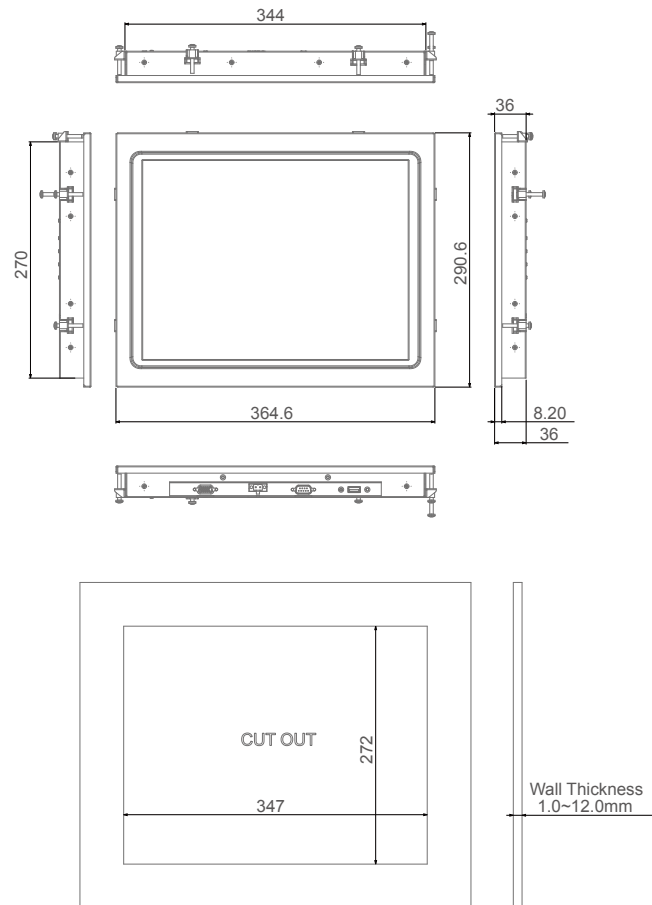Industrial 15" LED Projected Capacitive Multi-touch Display

TPM-3215   TPM-3115

Specifications

Model		TPM-3215P	TPM-3215R
Display	Panel Size	15" LCD Panel	
	Resolution	1024 x 768 (XGA)	
	Viewing Angle	80 x 80 (H) x 80 x 80 (V)	
	Brightness	250 (cd/m2)	
	Color Support	16.7 M	
	Contrast Ratio	600 : 1	
	Response Time	8 [msec]	
Touchscreen	Touch Screen Type	Projected Capacitive	5-Wire Resistive
	Surface Hardness	7H	3H
	Durability	-	10 millions times
	Transparency	90% (±3%)	80% (±3%)
I/O Interface	Video Interface	VGA	
	Touch interface	USB, RS-232	
OSD Control	Function Key	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, Single Power Source	
	Power Consumption	Typical: 10.1 W	
Environment	OperatingTemperature	0~50° C (32~122° F)	
	Storage Temperature	-30~70° C (-22~158° F)	
	Humidity	5~95% @ 40° C, noncondensing	
	Vibration	5-500 Hz, 0.026 G^2/Hz, 2.16 Grms, X, Y, Z, 1 hour per axis	
General	Dimensions (W x H x D)	364.6 x 290.6 x 36 mm (14.35" x 11.44" x 1.41")	
	Weight	3.75 kg (8.27 lb)	3.70 kg (8.16lb)
	Operating System	Win CE / XP / 7 / 8, WS7E, WS7P, Android, Linux Fedora / CentOS, Ubuntu	Win 2000 / CE / XP / 7 / 8, WS7E, WS8E, Linux Fedora, Ubuntu

Dimensions

344

36

270

290.6

364.6

8.20

36

CUT OUT

272

347

Wall Thickness 1.0~12.0mm

Packing List

Description
1 x TPM-3215
1 x Driver CD
1 x USB Cable
1 x VGA Cable
6 x Panel Mount Screws

Ordering Information

Part No.	Description
TPM-3215P-A1E	15" XGA Industrial Ultra-slim Projected Capacitive Multi Touch Monitor
TPM-3215R-A1E	15" XGA Industrial Ultra-slim Resistive Touch Monitor
TPM-3115R-A1E	15" XGA Industrial Ultra-slim Resistive Touch Open Frame

Optional Items

Part No.	Description
ACS-PS-60W	AC-to-DC 12V @5A, 60W adaptor, w/ phoenix power connector, 0~40° C for office & home use
ACS-PS-US	Power cable 3-pin, 180cm, USA Type
ACS-PS-EU	Power cable 3-pin, 180cm, Euro Type
ACS-PS-CN	Power cable 3-pin, 180cm, China Type
ACS-110-STD	LCD VESA Table Stand

Arestech
Embedded & Automation Solutions