



Kinco New Industrial HMI

Capacitive Touch Screen

F2100HE2-PX

Product Features

- 10.1" 1280*800 HD display with 16.7 million colors
- 85/85/85/85 wide viewing angle
- Quad-core CPU with 1GB RAM and 8GB eMMC
- Two Ethernet port + three serial ports, two of which support RS485
- Compatible with the latest KincoDToolsPro configuration software and EdgeAccess2

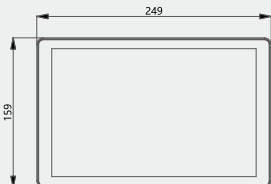
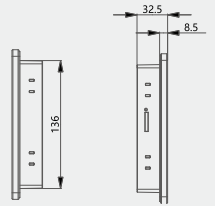
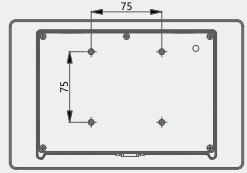
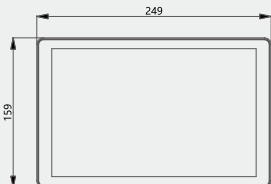
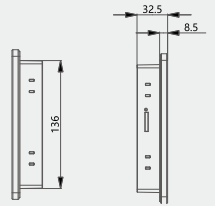
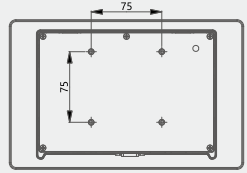
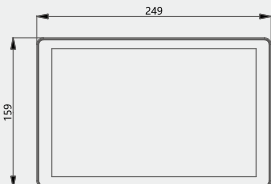
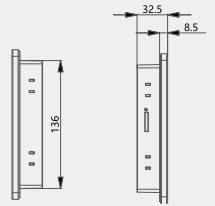
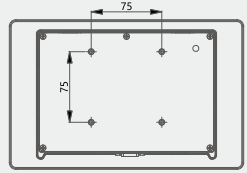
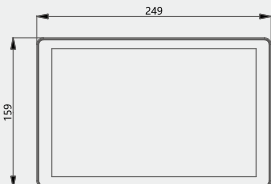
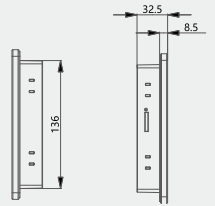
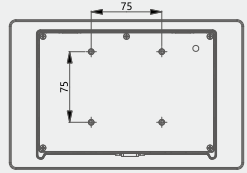
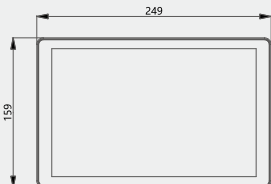
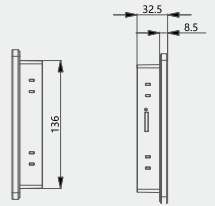
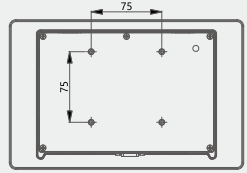
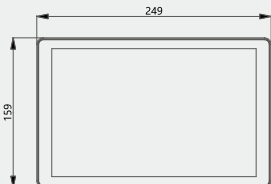
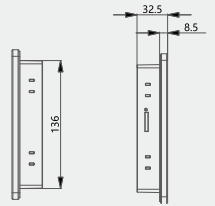
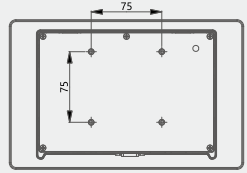
Kinco new generation configuration software: Kinco DToolsPro

- Modern Office-style software
- Tag variable configuration mode – Structured Text (ST) programming friendly
- Template-based configuration for higher efficiency



Capacitive Touch Screen F2100HE2-PX



Model/Specification	F2100HE2-PX	Dimensions (mm)
Performance		   
Display Size	10.1" TET	
Display Area (W x H)	216.58 x 135.36 mm	
Resolution	1280*800	
Colors	16.7 million	
Viewing Angle (T/B/L/R)	85/85/85/85	
Contrast Ratio	800:1	
Backlight	LED	
Brightness	350 cd/m²	
Backlight Life Time	50000 hours	
Touch Panel	Tempered glass, capacitive type	
CPU	Quad-core ARM 1.8GHz	
Memory	1GB RAM + 8GB eMMC	
RTC	Built-in	
Expandable Memory	1*USB Host	
Printer Port	USB Host / Serial port	
Ethernet	LAN0: 10/100 Mbps; LAN1:10/100 Mbps	
Program Download	USB Slave (Type-C) / U disk / Ethernet port	
Audio	1*Audio output	
VPN	HMI remote upload, download, and monitoring; PLC pass-through programming for program upload, download, and monitoring	
Communication Port	COM0:RS232/RS485/RS422; COM1:RS485;COM2:RS232	
Power		   
Input Power	DC18V ~ 28V (isolated)	
Power Consumption	7W@DC 24V	
Voltage Interruption Immunity	<3ms	
Insulation Resistance	Over 50MΩ@500V DC	
Dielectric Resistance	500V AC 1 minute	
Structure		   
PCB Coating	Yes	
Enclosure	Metal	
Dimensions (W x H x D)	249 x 159 x 32.5 mm	
Cut-out Dimensions	192 x 138 mm	
Mounting	Panel mounting & VESA mounting (75 x 75 mm)	
Environment		   
Operating Temperature	-10~60℃	
Operating Humidity	0~90%RH (Non-condensing)	
Storage Temperature	-20~60℃	
Storage Humidity	0~90%RH (Non-condensing)	
Vibration Resistance	10 ~500Hz, 30m/s², 1 hour each for X, Y, Z directions	
Cooling Method	Natural air circulation	
Certification		   
Panel Protection Grade	Front panel: IP65	
CE Certificate	EN IEC 61000-6-4:2019, EN IEC 61000-6-2:2019	
Software		   
Configuration Software	Kinco DToolsPro	