

**Kinco**

# Designed for high-level equipment industry

## **FUTURE Series 2nd Gen. Industrial HMI F2156E2-PX**

### **Product features**

- 15.6" capacitive , 2K display, 16 million true colors
- Dual Ethernet ports and dual serial ports design, flexible communication
- Quad-core CPU + 1GB RAM + 8GB flash storage, ultimate performance
- Metal casing + PCB protection + power isolation, safe and reliable
- Based on the new Gen. Kinco DToolsPro software

**Kinco new generation configuration software : Kinco DToolsPro**

Office-style interface with a fresh and modern look

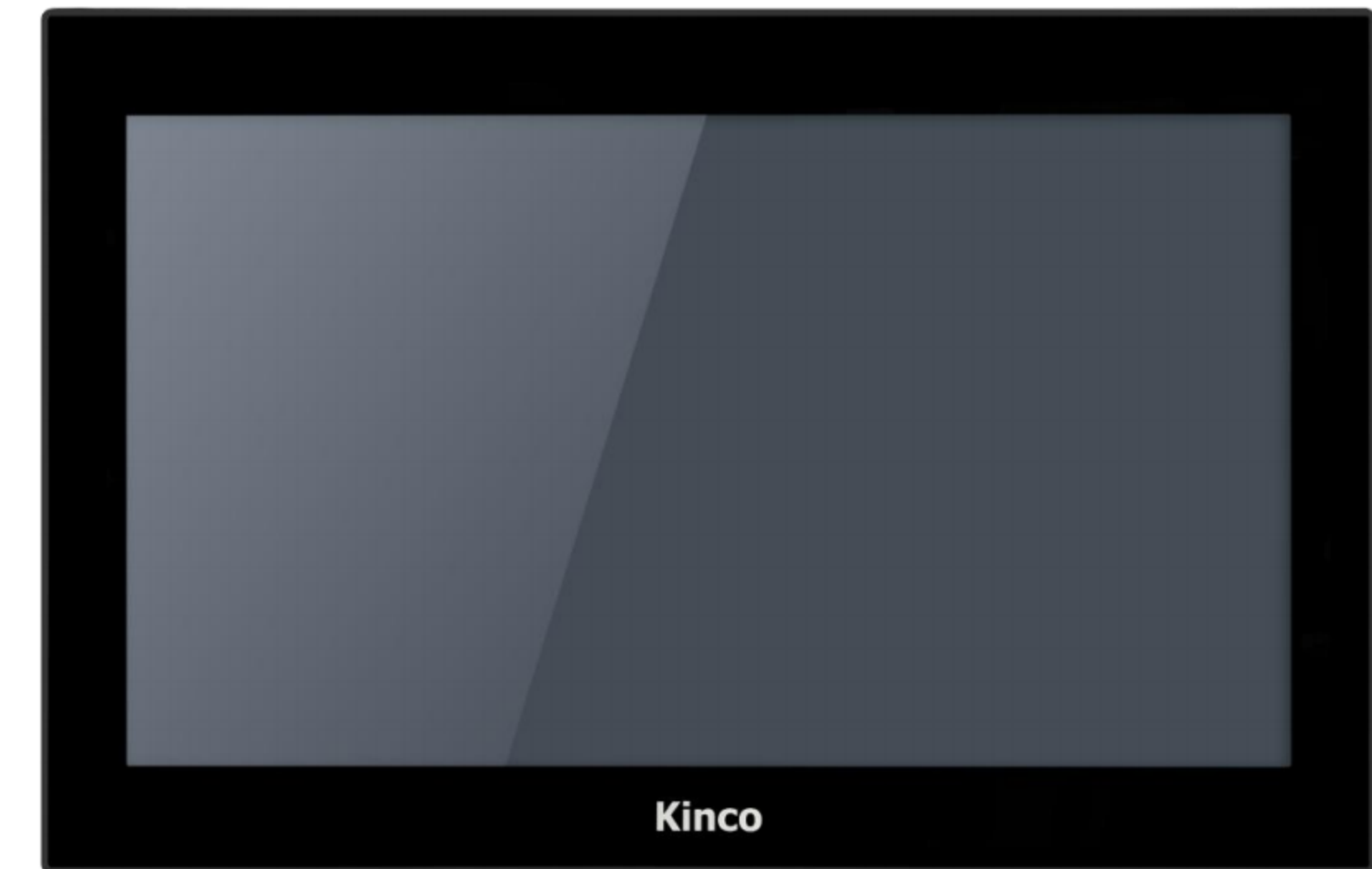
Tag variable configuration mode that is closer to ST language programming habits

Template configuration for a more efficient development experience



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### FUTURE Series 2nd Gen. Industrial HMI F2156E2-PX



Model	F2156E2-PX
<b>Performance specifications</b>	
Display size	15.6" TFT
Display area	344.16(W)x193.59(H)
Resolution	1920*1080 pixel
Display color	16.2M
Display viewing angle	89/89/89/89(left/right/up/down)
Contrast ratio	1000:1
Backlight	LED
Brightness	300cd/m <sup>2</sup>
Backlight life	>30000 hours
Touch panel	Tempered glass capacitive touch panel
CPU	Quad-core ARM 1.8GHz
Memory	8GB NAND Flash Memory+1GB RAM
RTC	Built-in
Extensible memory	1 USB Host
Print port	USB Host/serial port
Ethernet	LAN0:10/100/1000 Mbps LAN1:10/100 Mbps
Program download	Ethernet port/USB Slave/U disk
Com port	COM0:RS232/RS485/RS422;COM2:RS232
<b>Electrical specifications</b>	
Input power supply	DC18V~DC28V,built-in isolated power supply
Rated power	15W@DC24V
Insulation resistance	Over 50MΩ@500V DC
Pressure resistance test	500 VAC 1 minute
<b>Structure specifications</b>	
PCB	Built-in
Shell material	Metal
Overall dimension	395x259x25.5mm
Cut-out dimension	381.5x245.5mm
Installation mode	Installation of Fasteners and VESA Mounting(VESA100 *100mm)
Weight (kg)	2.5KG
<b>Environmental specifications</b>	
Working temperature	0~50°C
Working Humidity	10~90%RH (Non-condensing)
Storage temperature	-20~60°C
Storage humidity	10~90%RH (Non-condensing)
Seismic resistance	10~500Hz,30m/s <sup>2</sup> ,X,Y,Z direction/hour
Cooling mode	Natural air cooling
<b>Product certification</b>	
Panel protection grade	IP65 certification(4208—93)
CE authentication	EN61000-6-4:2019, EN61000-6-2:2019)
<b>Software</b>	
Configuration software	Kinco DToolsPro

Dimensional diagram (Unit: mm)

