

Desgined for high-level equipment industry

FUTURE Series 2nd Gen.Industrial HMI

F2156E-TX

Product Features

-15.6" capactive,1920*1800 pixel,16 million true color
-One Ethernet port and dual serial ports design,flexible communication
-Quad-core CPU + 1GB RAM + 8GB flash storage, ultimate performance
-Integrated appearance design of the whole machine, used in combination with buttons and emergency stop switches
-Cantilever installation provides a large operation space, high flexibility and strong adaptability
-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 mordern look
-Tag variable configuration mode that is closer to ST language programming habits
-Template configuration for a more efficient development experience

Kinco new generation configuration software:Kinco DToolsPro

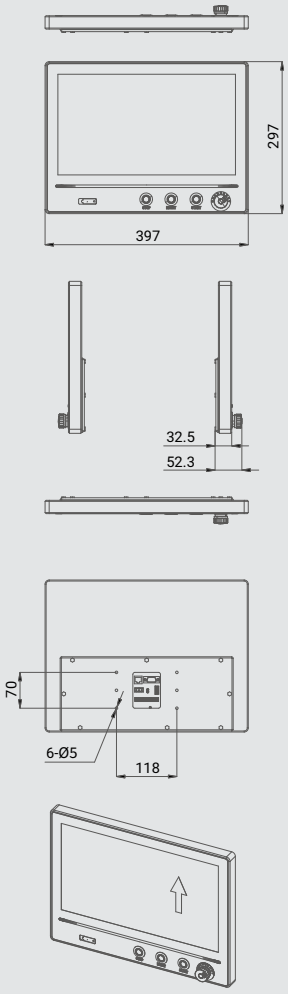
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FUTURE Series2nd Gen.Industrial HMI

F2156E-TX



Model specification	F2156E-TX
Performance specifications	
Display size	15.6″ TFT
Display area	344.16 (W) ×163.2 (H)
Resolution	1920*1080 pixel
Display color	16.2 million true color
Display angle of view	89/89/89/89(left/right/up/down)
Contrast ratio	1000:1
Backlight	LED
Brightness	300cd/m^2
Backlight life	30000 hours
Touch Panel	Reinforced glass capacitive touch panel
CPU	Quad-core ARM 1.8GHz
Memory	8GB eMMC + 1GB RAM
RTC	Built-in RTC + 512KB recipe
Extensible memory	1 USB Host
Ethernet	LAN0:10/100/1000Mbps
Emergency stop switch	1*Dual-circuit emergency stop
Switch button	1*Metal button (green LED), 1*Metal button (blue LED), 1*Metal button (red LED)
Program download	USB slave/U disk/Ethernet
Communication port	COM0:RS232/RS485/RS422; COM2:RS232
Electrical specifications	
Input power supply	DC18V ～DC28V,built-in isolated
Rated power	15W@DC 24V
Allowable loss of power	<3ms
Insulation resistance	Over 50MΩ@500V DC
Pressure resistance test	500V AC 1 minute
Structure specifications	
PCB coating	Yes
Shell material	Metallic
Shape size	397×297×46mm
Installation	Cantilever installation
Installation size	118×70mm
Weight	4kg
Environmental specification	
Working temperature	0 ～50°C
Working humidity	10～90%RH (Non-condensing)
Storage temperature	-20～60°C
Storage humidity	10～90%RH (Non-condensing)
Sine vibration test	10 ～500Hz,30m/s^2, X,Y,Z direction/hour
Cooling mode	Natural air cooling
Product certification	
Panel protection grade	Conforming to IP65 requirements
CE certificate	CE Compliant(EN61000-6-4：2007+A1:2011, EN61000-6-2：2005)
Software	
Configuration software	Kinco DToolsPro



Kinco® Automation

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