



Kinco's new Gen industrial HMI

FUTURE Series2nd Gen HMI

F2100HE2-PX

Product Features

High-definition display: 10.1 inches, 800*1280 resolution, 16.77 million true colors, 85° full viewing angle display.

Powerful performance: Quad-core 1.8GHz CPU paired with 1GB of memory, complemented by 8GB of flash storage.

Safe and reliable: Supports three serial ports, dual network ports, and comes with standard three-proofing and power isolation.

Ultimate experience: 10-inch display with a 7-inch cutout, extremely high screen-to-body ratio; standard capacitive touch panel, supporting gesture zooming, web browser functionality, and more.

Based on the latest Kinco DToolsPro configuration software&EdgeAccess2 remote maintenance platform.

Kinco new generation configuration software:Kinco Dtools Pro

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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F2100HE2-PX



Model specification	F2100HE2-PX
Performance specifications	
Display size	10.1" TFT
Display area	135.36(H) x 216.58 (V)
Resolution	1280* 800 pixel
Display color	16.77 million true colors
Display viewing angle	85/85/85/85 (left/right/up/down)
Contrast ratio	800:1
Backlight	LED
Brightness	350cd/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
Extensible memory	1 USB Host
Print port	USB Host/serial port
Ethernet	LAN0:10/100Mbps; Lan1:10/100 Mbps
Program download	USB Slave (Type-C)/U disk/Ethernet port
Network access	Ethernet
VPN	Support HMI remote upload, download and screen monitoring, support PLC transparent transmission program upload, download and monitoring
Other interfaces	Audio interface *1
Communication port	COM0:RS232/RS485/RS422; COM1:RS485;COM2:RS232
Electrical specifications	
Input power supply	DC18V ~DC28V (With isolation)
Rated power	7W@DC 24V
Allowable loss of power	<3ms
Insulation resistance	Over 50MΩ@500V DC
Pressure resistance test	500V AC 1minute
Structure specifications	
PCB	Yes
Shell material	Metal
Overall dimension (mm)	249mm*159mm*32.5mm
Cut-out dimension (mm)	192mm*138mm
Installation	Buckle installation or VESA bracket (75*75mm)
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	EN IEC 61000-6-2:2019, EN IEC 61000-6-4:2019
Software	
Configuration software	Kinco DTools Pro

