



IOT



Kinco 步科
步科股份: 688160

Kinco **HMI** the most intelligent industrial terminal

Kinco DToolsPro software



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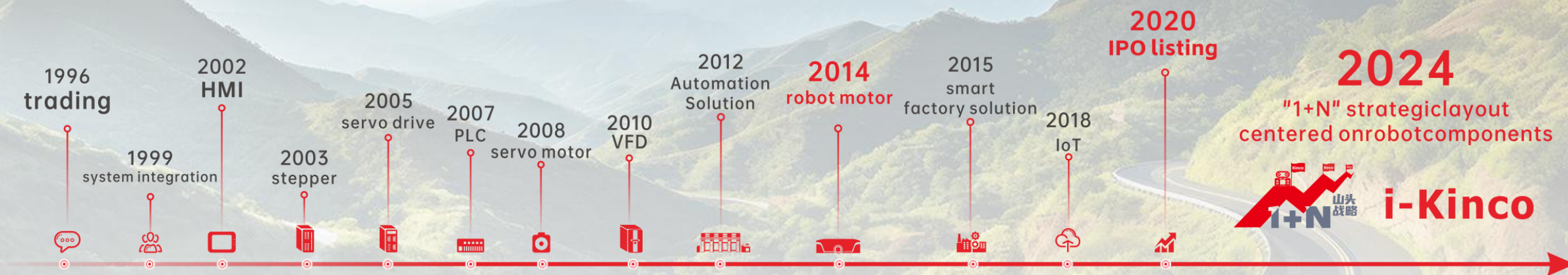
Brand Highlights



01
part one
U I

Company Profile

Kinco is a leading Chinese supplier of **Motion control** and **Human-machine interaction(HMI)** devices for **Robots** and **Intelligent Equipment**



Vision:
Enabling Robots to Build a Better Life for Humankind



Mission:
Focusing on Key Components; Empowering Global Robotics and Smart Machinery



Values:
Customer First / Openness and Enterprise
Perseverance and Hard Work / Integrity and Trustworthiness

Machine IoT Cloud Platform



Automation Core components



i-Kinco Robot Motor Module

Four Major Bases, Global Service



Changzhou



Shanghai



Chengdu



Shenzhen

10+ Global Marketing Centers
100+ Domestic Service Providers
70+ Global Partners

24/7 Online Service
Service Hotline: 400-700-5281



Kinco HMI

· Kinco HMI Series



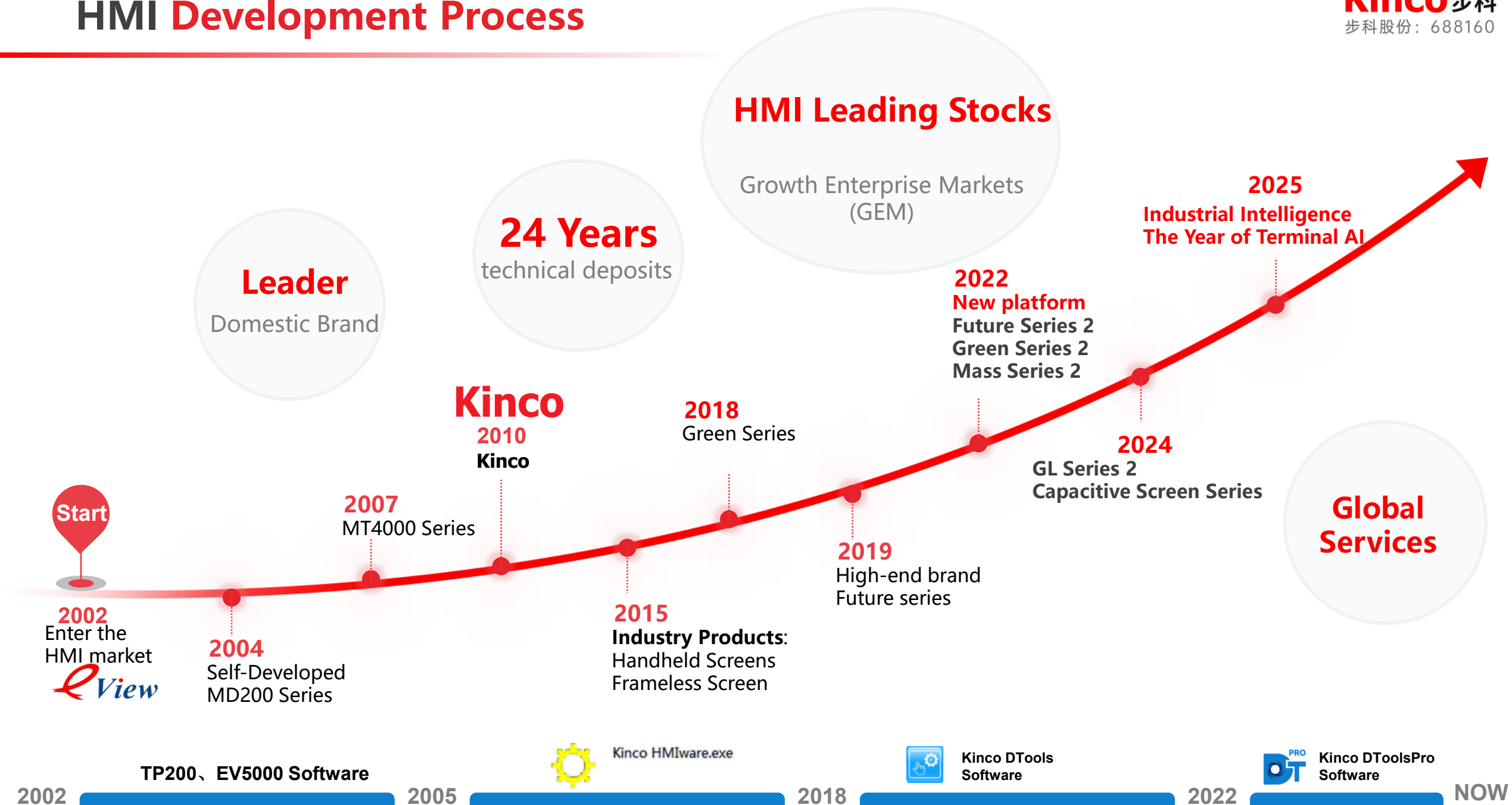
The earliest HMI manufacturer in China, in addition to the **full-size** range of **high-quality** full-series standard products, can also provide robotics, photovoltaic, engineering machinery, food packaging, medical imaging and other specialised industry HMI solutions, but also the first choice for international brand ODM.

The new configuration software **DToolsPro**, developed with **genuine QT licence**, has the **richest variable labeling mode**, and advanced functions required by high-end advanced manufacturing equipment, and is fully internationally certified, making it the first choice for replacing HMIs of major international brands.

The new **Industrial Web Panels** (IWP Series) adopts native Web technology for plug-in free, cross-platform access. It is ideal for smart manufacturing scenarios such as digital twin and robot integration, enabling lightweight digital transformation for enterprises.

Actively explore the application of AI technology in HMI and promote HMI to Ai intelligent terminal.

HMI Development Process





part two

Typical case

Efficient and Digital HMI Solutions for **Lithium Industry**



Solution and Value:

F2 Series HMI + DToolsPro Software

SZ10PESHandheld HMI + DToolsPro Software

- Super performance hardware platform, stable operation under the **pressure of millions of data**;
- Integrated controls, template library, development efficiency increase **> 40%**;
- **Swipe card login, electronic signature secondary confirmation**, process data traceable for 3 years +;
- Dual network port data isolation, IoT protocol, uplink system, downlink equipment;

Monocrystalline Silicon Furnace Provides **Safe, Reliable** HMI Solutions

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Solution and Value:

SZ Series Handheld HMI

- **Push-button control + emergency stop switch + grip switch** and other multi-channel safety redundancy, to provide reliable protection for mobile operations
- Humanised design, such as spring cable + strap, provides convenience for the operator.
- **UL certification** assists the company's equipment to expand its international business

Embedded Frameless HMI Solution for Mobile Robotic



Solution and Value:

MR Series Embedded HMI+EdgeAccess2 Remote O&M

- No front shell design, integrated cables, extreme space-saving installation;
- Embedded installation, integrated with the body, beautiful and exquisite;
- Remote operation and maintenance software EA2, online update programme, reduce maintenance costs.

High Performance Capacitive HMI for Medical Imaging Head

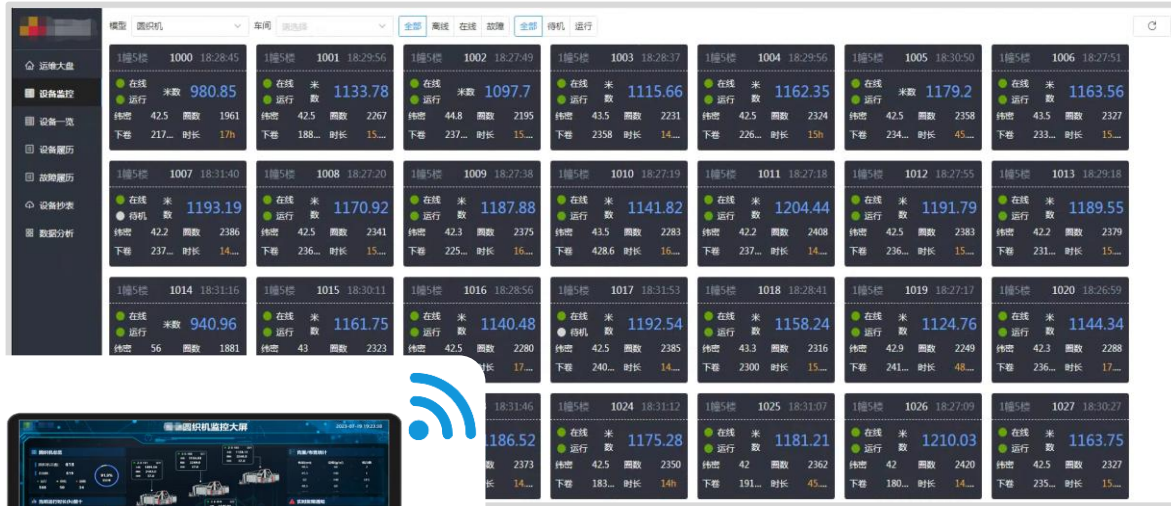


Solution and Value:

High performance hardware platform + QT software

- Industrial 4-core CPU + 2K HD display + multipoint capacitive touch, smooth operation, beautiful atmosphere;
- CE, ROHS, REACH and other certifications to meet the requirements of the medical industry;
- Support QT and other user-developed software development, more in line with industry applications;
- 10 years supply + 10 years spare parts, stable supply channels

Meter reading programme for 3000 circular knitting machines



Solution and Value:

IoT HMI + M-IoT Platform

- Stable reading for **3000** circular knitting machines in **30s**, replacing manual meter reading (takes 3h);
- Real-time data synchronisation, dynamic optimization of scheduling plan, inventory turnover rate **increased by 25%**;
- Equipment health warning, predictive maintenance to reduce faulty **downtime by >20%**;
- Employee performance transparency, **reducing labour disputes and management costs by 40%**.

M-IoT Machine IoT Platform





part three

**HMI
Product**

Products/Series		Screen Size/Model					Core Parameter		
		4.3"	7"	10.1"	12.1"	15.6"	CPU	Memory/Storagee	Touch method
High-End	F2 MAX Series	×	×	F2100E2 MAX SZ10PES MAX	×	F2156E2 MAX F2156E2-PX MAX	Quad-core 1.8GHz	2GB+64GB	Resistance (- X:Capacitance)
	F2 Series	×	F2070E F2070E2	F2100E F2100E2 F2100HE2-PX	F2121E F2121E2	F2156E2 F2156E2-PX	Quad-core 1.8GHz	1GB+8GB	
General Purpose	G2 Series	×	G2070HE (WiFi/4G)	G2100E G2101E (WiFi/4G) G2100HE-LX(4G)	G2121E2 (4G)	G2156E2 (WiFi)	Quad-core 1.5GHz	512MB+4GB	
Economy	GL2 Series	GL2043HE	GL2070HE (WiFi/4G) GL2070HE-LX	GL2100E GL2101E (WiFi/4G)	×	×	Dual-core 1GHz	256MB+4GB	
Special Purpose	Frameless	MR043H	MR2070HE	×	×	×	Single-core 800MHz	128MB+256MB	Resistance
		×	GR2070HE-LX	×	×	×	Quad-core 1.5GHz	512MB+4GB	Capacitance
	Handheld	×	SZ7PE/SZ7PES	×	×	×	Dual-core 1GHz	256MB+4GB	Resistance
			×	SZ10PES/SZ10PES-T SZ10PES-K	×	×	Quad-core 1.8GHz	1GB+8GB	Capacitance
	Waterproof	×	GL2070HE-WIFI-LRF	GL2100E-WIFI-LRF	×	×	Dual-core 1GHz	256MB+4GB	Resistance
	Button Integration	×	×	×	×	F2156E-TX	Quad-core 1.8GHz	1GB+8GB	Capacitance
	Industrial Web Panels	×	IWP070R Pro	IWP100 Pro IWP100ZS Pro IWP100R Pro	IWP121R Pro	IWP156 Pro IWP156R Pro	Quad-core 1.8GHz	1GB+8GB	Capacitance (- R:Resistance)
		×	×	×	×	IWP156 Ultra	Octa-core 2.2 GHz	4GB+32GB	Capacitance

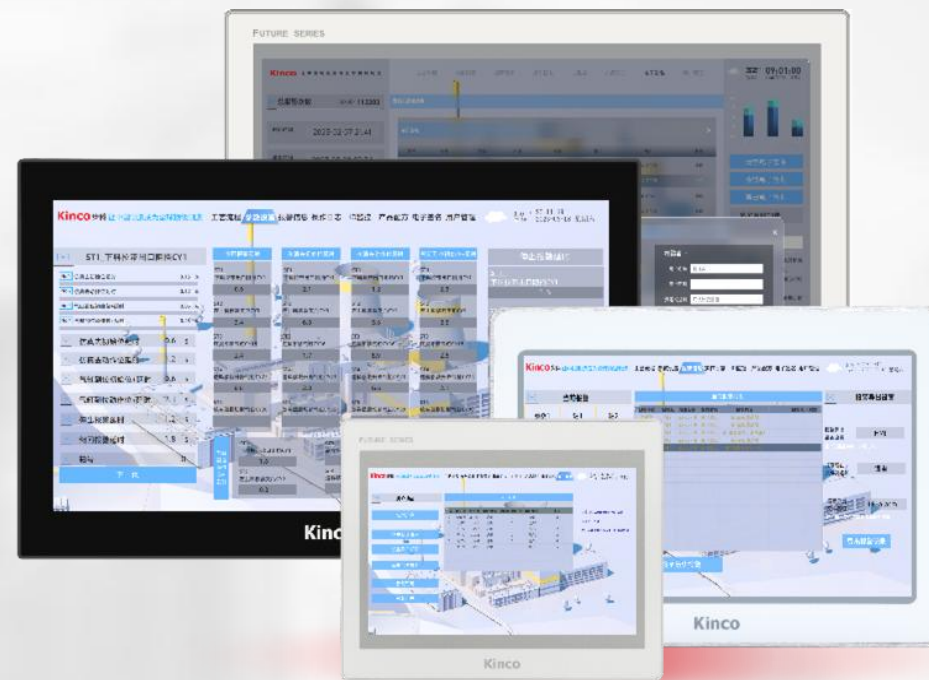
F2 Series Product Features

Superior Performance

- **Quad-core 1.8G CPU**, to meet the needs of high-end equipment for complex applications.
- **2GB operating memory + 64GB storage** to meet the large-scale data storage and computing;
- Support 10+ peripheral connections, 2000+ screens, tens of thousands of alarms, and **100,000 level variables**;
- **365 days of non-stop operation**, smooth switching in the million-level data scene.

Advanced Application

- With DToolsPro configuration software, provides richer software functions: (local PostgreSQL database, electronic signature, video playback, browser, etc.)



Safe and Reliable

- Metal shell + motherboard tri-proof + isolated power supply, safe and reliable;
- the whole system passed **CE & UL** certification to meet the qualification of overseas market.

7" 10.1" 12.1" 15" 15.6"

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F2156E2-PX

Specification	F2070E2	F2100E2	F2100HE2-PX	F2121E2	F2150E2	F2156E2	F2156E2-PX
Display Size	7"	10.1"	10.1"	12.1 "	15"	15.6 "	15.6"
Resolution	800*480	1024*600	1280*800	1280*800	1024*768	1920*1080	1920*1080
CPU	Quad-Core CPU, 1.8GHz Main Frequency						
Memory	1GB RAM + 8GB eMMC						
Network	2						
Serial	3	2	3	2	3	2	2
Touch mode	Resistive	Resistive	Capacitive	Resistive	Resistive	Resistive	Capacitive
CE certification	√						
UL certification	√						

F2 MAX Series Product Specification



F2100E2 MAX



SZ10PES MAX



F2156E2 MAX



F2156E2-PX MAX

Specification	F2100E2 MAX	SZ10PES MAX	F2156E2 MAX	F2156E2-PX MAX
Display Size	10.1"	10.1	15.6 "	15.6"
Resolution	1024*600	1920*1200	1920*1080	1920*1080
CPU	Quad-Core CPU, 1.8GHz Main Frequency			
Memory	2GB RAM + 64GB eMMC			
Network	2	1	2	2
Serial	2	3	2	2
Touch mode	Resistive	Capacitive	Resistive	Capacitive
CE certification	√			

Superior Performance

- Quad-core CPU with 1.5GHz main frequency to meet efficient screen operation and PLC high-speed communication;
- **512M running memory + 4G storage** to meet data storage and computing in complex scenes;
- Ultra HD display, **resolution up to 1920*1080;**
- 16 million true colour, silky touch, full picture quality
- Match with DToolsPro configuration software to achieve efficient and fast configuration needs;
- Standard single network port + three serial port design, support dual 485 applications; support dual network port, WiFi, 4G version optional;
- Support Siemens, Omron, BECKHOFF and other medium and **large PLC tag communication;**
- Support USB drive-free access to RFID reader;



7" 10.1" 12.1" 15" 15.6"

G2 Series Product Specification



G2070HE



G2100E/G2101E



G2100HE2-PX



G2121E2



G2150E2



G2156E2

Specification	G2070HE	G2100E/G2101E	G2100HE-LX	G2121E2	G2150E2	G2156E2
Display Size	7"	10.1"	10.1"	12.1 "	15"	15.6 "
Resolution	1024*600	1024*600	1280*800	1280*800	1024*768	1920*1080
CPU	Quad-Core CPU, 1.5GHz					
Memory	512MB RAM + 4GB eMMC					
Network	1	1	2	2	2	2
Serial	3	3	3	3	3	2
Touch mode	Resistive	Resistive	Capacitive	Resistive	Resistive	Resistive
CE certification	√					

Large storage

- All standard with dual-core CPU, main frequency 1GHz, worry-free operation;
- **256M running memory + 4G storage**, to meet the general scene storage needs;
- Standard with HD LCD, display delicate, full of colour;

Rich interfaces

- Support IOT application, **WiFi/4G** version is optional;
- Standard single network port + three serial port design, support **dual 485** applications;
- USB design (1*TypeC), support Hub expansion;

Software Applications

- With the **new generation of DTools Pro** software platform, the configuration experience is upgraded;
- With the **new generation of EdgeAccess2** remote operation and maintenance platform, the operation and maintenance capability is upgraded.



4.3" 7" 10.1"

GL2 Series Product Specification



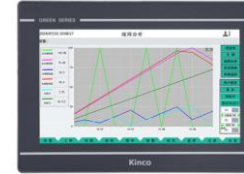
GL2043HE



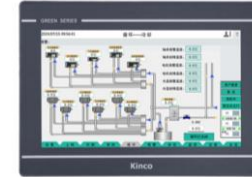
GL2070HE



GL2070HE-LX

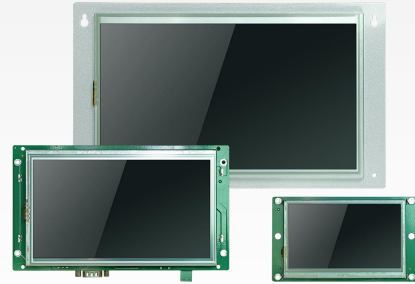


GL2100E



GL2101E

Specification	GL2043HE	GL2070HE	GL2070HE-LX	G2100E	G2101E
Display Size	4.3"	7"	7"	10.1 "	10.1"
Resolution	800*480	1024*600	1024*600	1024*600	1024*600
CPU	Dual-core CPU ,1GHz				
Memory	256MB RAM + 4GB FLASH eMMC				
Network	1	1	1	1	1
Serial	2	3	3	3	3
Touch mode	Resistive	Resistive	Capacitive	Resistive	Resistive
CE certification	√				



Embedded Installation Type



Handheld



Waterproof



Key Integrated



Industrial Web Panels

Application Scenarios



Mobile Robots



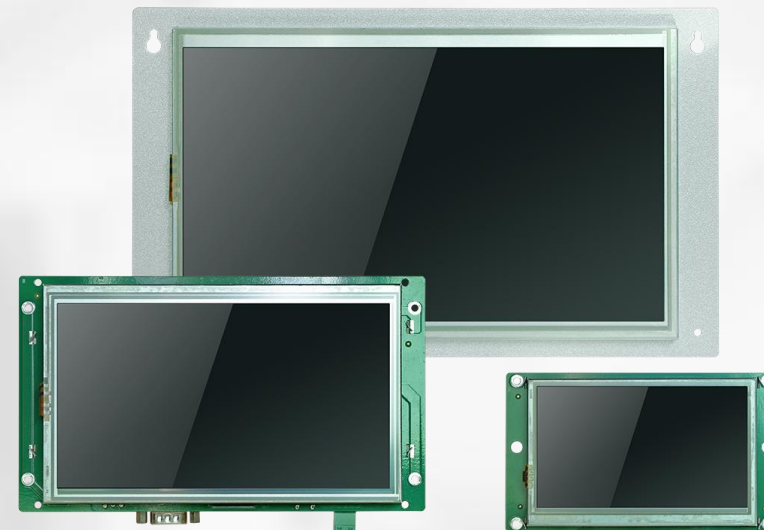
Medical Instrument



Desktop Detector

Feature:

- **Compact and space-saving**
- Integration of the chassis, aesthetic simplicity
- Configuration editing, fast delivery



4.3" 5" 7" 10.1"

Application Scenarios



+



=



Feature:

- Integrated design, reduce customer cost;
- Lightweight grip, beautiful and simple;
- **Multi-way safety design**, more understanding of industry.

Product Model: SZ7PE/SZ7PES

SZ10P Series Introduction

Super Performance, Ultimate Experience

- F2 series quad-core 1.8GHz **CPU, 2GB+64GB** memory, suitable for various applications;
- 1920×1200HD Full-Laminated Capacitive Touch Screen with Multi-touch;
- Serial port, Ethernet port, E-stop, key switch, enable switch and RFID as standard; 16 physical buttons and spring cable version optional;
- Motherboard with three-proof protection + power isolation, CE certified; E-stop, knob and grip switch all adopt dual-circuit safety design.

Advanced software, various interface

- **Newest Kinco DToolsPro** configuration, equipped with advanced function including local database, electronic signature and video display;
- Also available in **WEB**, cooperates with 3D debugging to exert extreme performance

Applications & Scenarios

- Multi-axis robotic arm debugging; physical buttons simplify operation with one-click access to high-frequency functions for quick intervention in emergencies;
- Mobile patrol and debugging for large-scale line equipment such as lithium battery; one device multi station supports plug and debug and flexible expansion



Model: SZ10PES/SZ10PES-K/SZ10PES-T

SZ Series Handheld Terminal Specifications



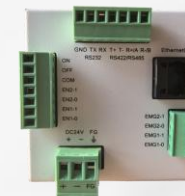
SZ7PE/SZ7PES



SZ10PES/SZ10PES MAX/SZ10PES-T



SZ10PES-K



SZ10-BOX



Model	SZ7PE	SZ7PES	SZ10PES	SZ10PES-T	SZ10PES-K	SZ10PES MAX	SZ10-BOX
Size	7"		10.1"				Handheld Setup Port RJ45 Ethernet*1 7-pin Block for Serial Signals 4-pin Block for E-stop Signals 4-pin Block for Enable Signals 3-pin Block for Knob Signals Input Port: 24-pin Circular Connector Female Socket with Dust Cover (E-stop Signal Short-circuited) Must Be Ordered Together with the Touchscreen
Resolution	1024*600		1920*1200				
CPU	Dual-core, 1GHz		Quad-core, 1.8GHz				
Memory	256MB + 4GB		1GB + 8GB			2GB + 64GB	
Interface	RS485*1,Ethernet*1,Stop Switch*1, Key Switch*1	RS485*1,Ethernet*1,Stop Switch*1, Key Switch*1,3-position Holding Switch*1	DB9*1,Ethernet*1,Dual-circuit Stop Switch*1, Dual-circuit Stop Switch*1, 3-position Holding Switch*1, Built-in RFID*1				
Programmable Buttons	6		None	None	16	None	
Touch	Resistive		Capacitive				
Wiring	5m 14-pin Stranded		10m 24-pin Flexible Cable	7m 24-pin Spring Cable	10m 24-pin Flexible Cable	10m 24-pin Flexible Cable	
CE	√						
UL	×		√				

Application Scenarios



Sewage Treatment



Processing
Packaging



car washing machine



Feature:

- The **whole machine IP65 protection**, wet and water washing occasions available;
- The product comes with **built-in WIFI** antenna for seamless IoT connectivity.
- A variety of installation methods, can be panel mounted, bracket mounted, handheld.

Product Model: G2070HE-WIFI-LRF/G2100E-WIFI-LRF

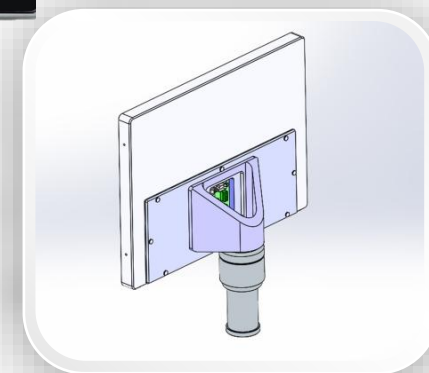
Application Scenarios



Feature:

- Integrated design, saving cabinet cost;
- High-end exquisite appearance, capacitive touch operation, user experience pull full;
- Metal body, high protection design, meet the industrial scene application.

Product Model: F2156E-TX



High Performance, Smooth Visual Experience

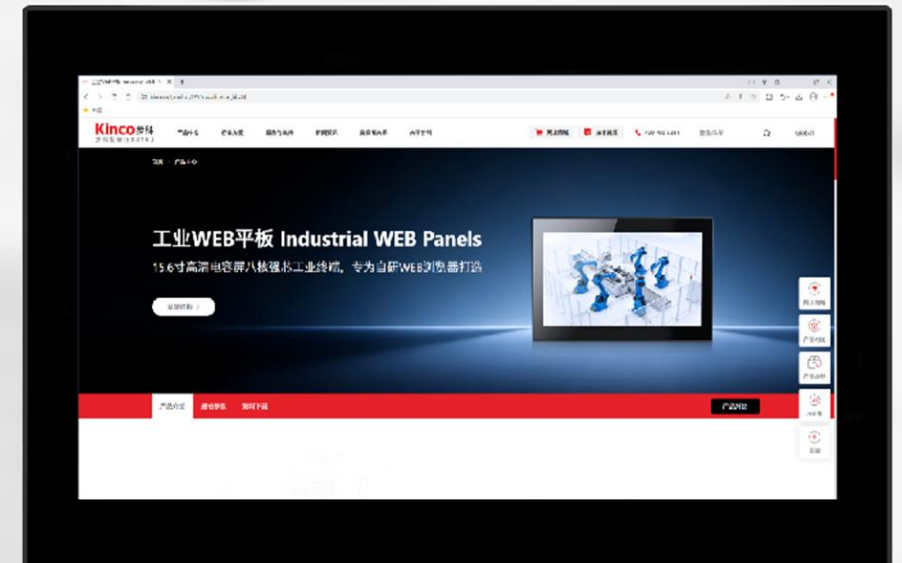
- Fast: Up to an octa-core processor for smooth rendering of complex 3D animations.
- Clear: HD Full-Laminated Capacitive Touchscreen with Vivid Display and Responsive Operation.

Pure WEB, High Efficiency

- Cross-platform: Browser-only, plugin-free, with cross-terminal compatibility.
- Easier maintenance: Remote access and USB flash drive configuration; one-click deployment & updates.

Stability & Reliability

- Durability: Built-in isolated power supply, IP65 rated, suitable for harsh industrial environments.
- Rich Configurations: One hardware supports various software; Quad-core/octa-core, 7–15.6-inch displays available;
IWP Pro: based on F2; IWP Ultra: based on FH2
- Flexible Installation: Capacitive/resistive touch, handheld, bracket, panel mount options.

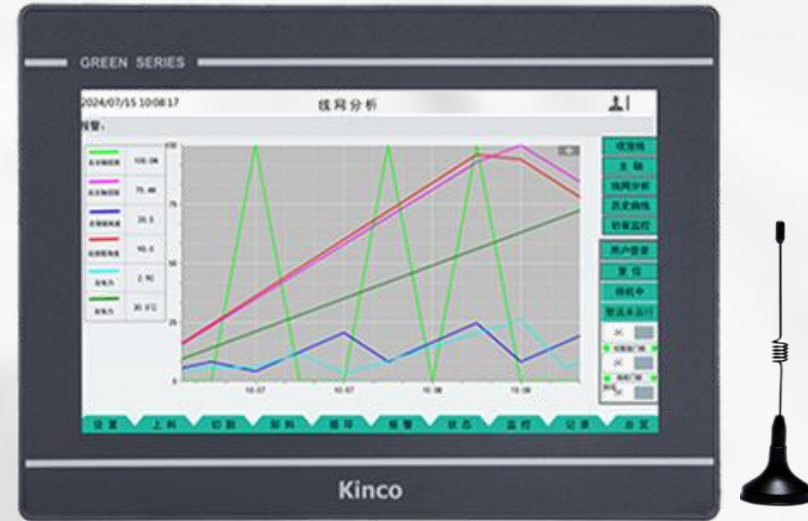


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Model	IWP070R Pro	IWP100R Pro	IWP100 Pro	IWP100ZS Pro	IWP121R Pro	IWP156R Pro	IWP156 Pro	IWP156 Ultra
Size	7"	10.1"			12.1"	15.6"		
Resolution	800*480	1024*600	1280*800	1920*1200	1280*800	1920*1080		
CPU	Quad-core, clock speed 1.8GHz							Octa-core, clock speed2.2GHz
Memory	1GB + 8GB							4GB+32GB
Interface	Serial、 Double Ethernet、 Usb Host、 Usb Slave							
PCB Protections	√							
Power Isolation	√							
Touch Control	Resistive		Capacitive		Resistive		Capacitive	
CE Certificate	√							
Web app	Built-in system software and web browser							

Application Scenarios



Feature:

- Directly connects to **Kinco's cloud platform for remote operation and maintenance.**
- Supports a variety of IoT protocols, docking third-party platforms
- **Built-in 4G/WiFi module, high integration and cost reduction.**

7" 10.1" 12.1" 15.6"

2nd Generation IoT Specification

Series		Size & model					Key Factors	
		4.3"	7"	10.1"	12.1"	> 15"	CPU	Memory
High	F2 Series	×	×	×	×	F2150E2 with WiFi	Quad 1.8GHz	1GB+8GB
Standard	G2 Series	×	G2070HE-WIFI G2070HE-4G	G2100E-WIFI G2100E-4G G2101E-WIFI G2100E-4G G2100HE-LX-4G	G212E2-4G	G2156E-WIFI	Quad 1.5GHz	512MB+4GB
General	GL2 Series	×	GL2070HE-WIFI GL2070HE-4G	GL2100E-WIFI GL2100E-4G GL2101E-WIFI GL2100E-4G	×	×	Dual 1GHz	256MB+4GB

- F2, FH2 include dual Ethernet, so WIFI/4G versions are not available for the time being. For urgent scenarios, it is recommended to purchase a gateway for conversion.
- G2/GL2 include single Ethernet, WIFI/4G versions are being supplemented.

Application Scenarios



**Automatic
Forklift**



**Inspection
Robot**



**Logistics
Vehicle**



Feature:

- Dual display interface, **support HDMI or VGA input**;
- 10.1 inch capacitive touch, resolution 1280*800, with good display and touch effect;
- HDMI, VGA, Type C interfaces support screw-hole installation, preventing the cable from vibrating and loosening;
- No configuration software, plug and play.

Product Model: G2100H-CTP



part four U4

DToolsPro Software

Newest Kinco **DToolsPro** Configuration Software



Kinco DToolsPro Characteristics

Office-grade modern design language, creates a simple, clean and smooth-operating working environment to enhance work concentration.

Built on a solid object-oriented architecture, the software is endowed with excellent flexibility and scalability, making it easy to respond to changes and achieve continuous optimization.

The original tag variable configuration enables engineering thinking to align with software configuration, and the construction of complex control logic is clear at a glance.

Integrating a variety of intelligent auxiliary functions, it automatically handles repetitive tasks, helping you focus your energy on creation.

Kinco DToolsPro new functions

- AI & automation: AI helper, extended macro functions
- Enhanced UI: GIF、image display, gallery on cloud
- Security: password, SN verification, configuration protection
- Compatibility: communication speed and stability improved
- Data analysis: More options on document management

1.Tag communication
Siemens, Omron NJ/NX,
Beckhoff, CODESYS tag

2.Card login
Built-in RFID, swipe card
and get your authorization

3.Reuse
Modify the index value to
switch pointer variable

4.Visualized alert
Real-time monitoring of
alarm changes

5.I/O monitor
batch import and
integration of IO

6.OperLog
Automatic recording of
system operations

7.Multi-screen
Interlock, reusable
engineering, adaptive size

8.OperInterlock
Control right mechanism
ensures equipment safety

9.Database
Both local & net,
integrated operations

10. Mobile Commissioning
PC, phone, tablet multi-
device commissioning

11.Recipe
Mixed storage of various
data types, and efficient I/E

12.Unified Management
Batch I/E, and centralized
management

13.Safety Certificate
E-signature audit trail with
multi-layered verification

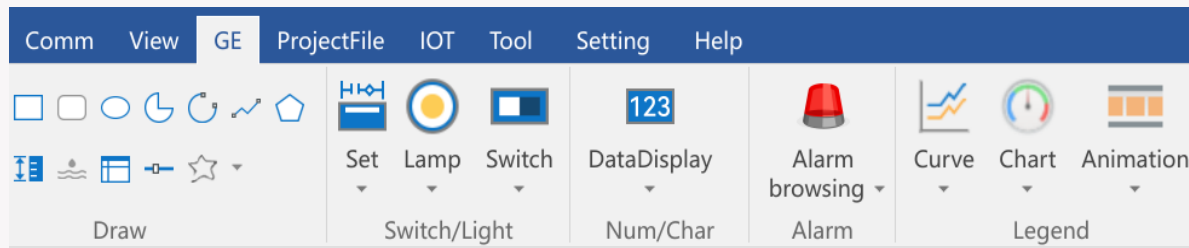
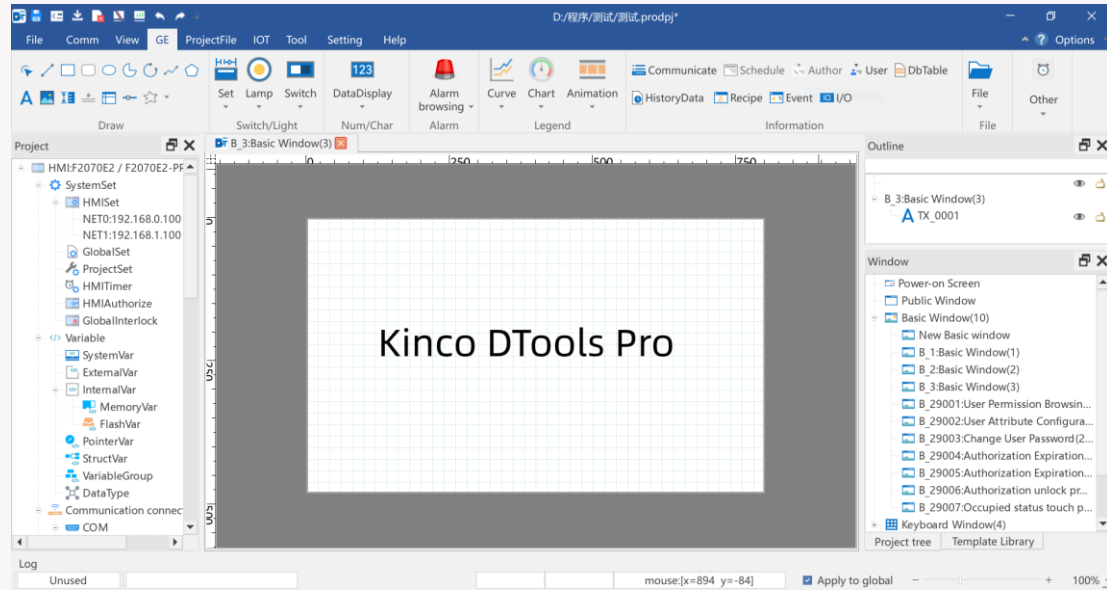
14.Multimedia
Video, web cam, GIF—
intelligent HMI

15.WEB browse
Direct commissioning of
PLC devices

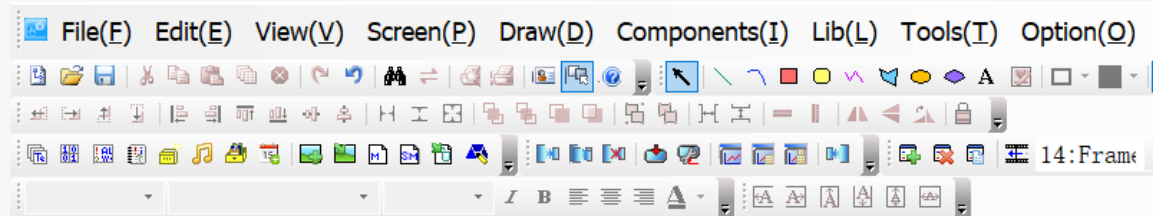
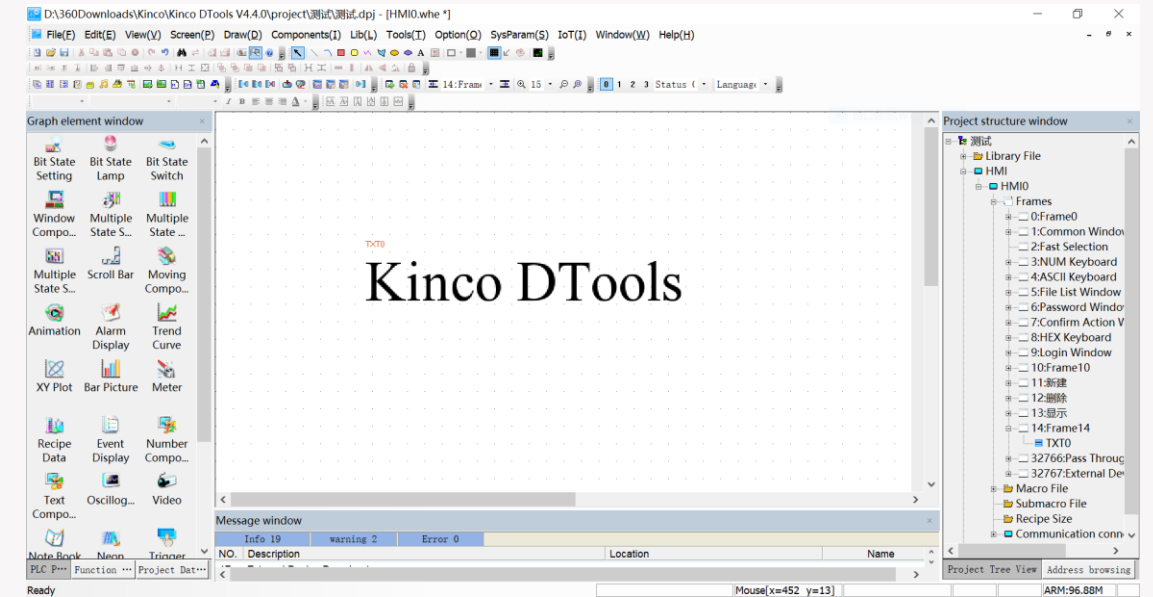
16.Case Library
Massive templates & cases,
quick learning of DTP

OT & IT integration
**Object-oriented
programming**
**Increase efficiency in
major projects by 40%+**

Software Interface



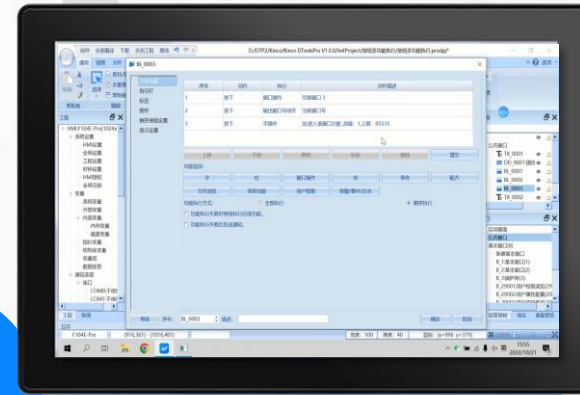
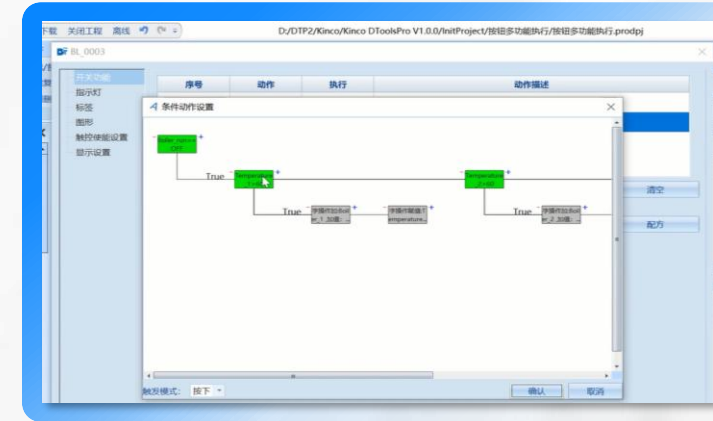
Office software style, simple and generous.
clearer categorization, more user-friendly.



Traditional industrial style.

Integrated button

More efficient configuration



Bit Set

Word Set

Infinite stacking

Page Switch

.....

element Append

controllable execution order

Notification of failure

Dynamic alarm

Graphical logic control

Template Library

Quick, Easy **Cross-Project** Collaboration

- Customizable Component Combinations for Bulk Export
- Export Compressed Custom Library for Easy Collaboration



Visual Alarm

Equipment Failure

Status clear at a glance

Different colours to highlight alarm levels

Dynamic alarm data embedding

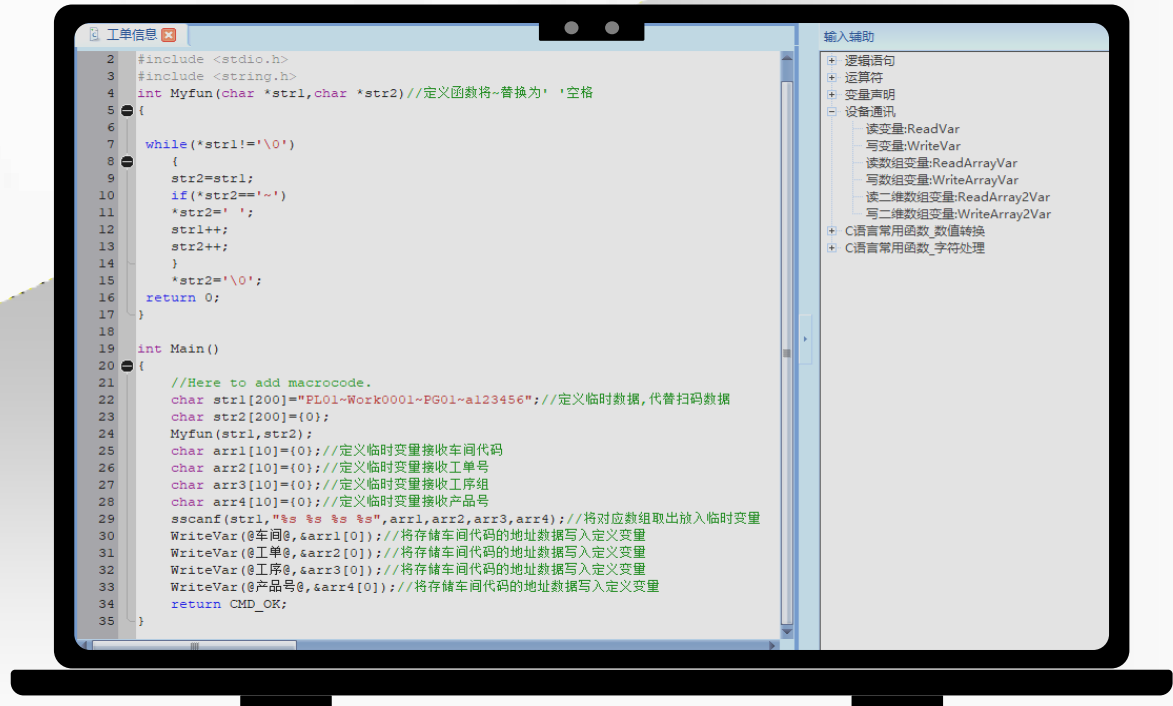
Classification Display

Rich types of historical alarm reports

Macros

Automate repetitive tasks and program efficiently and flexibly

- Rich system packaging functions
- One-click insertion of logical statements and variable definitions
- Custom function encapsulation



New Features

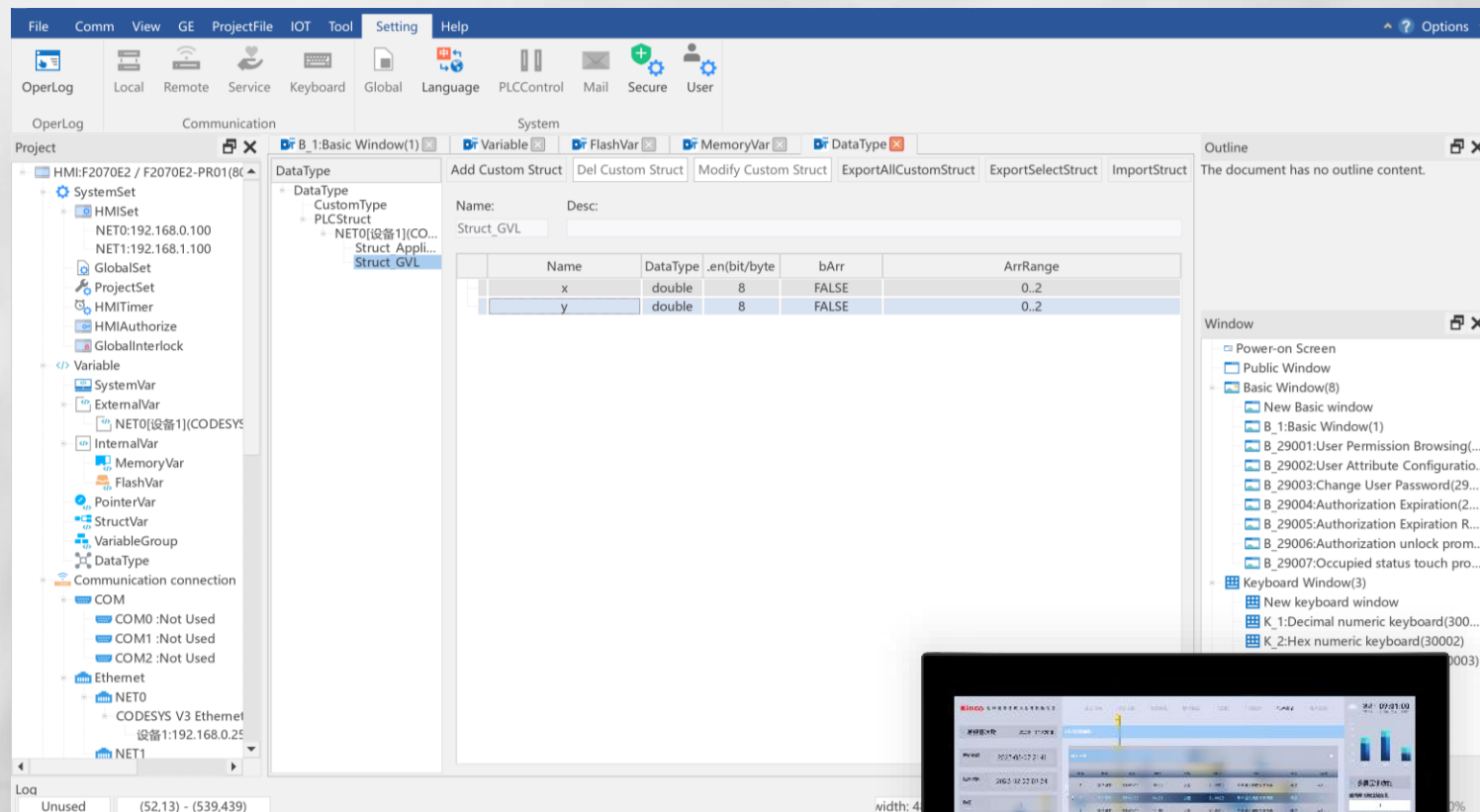
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Label

configuration

More Aligned with Engineers' Practices

- Lable communicaton
- Pointer variable
- Customized variable name
- Variable annotation
- Modify variable data type directly
- Automatic address assignment
- Multiple structure nesting
- Invalid tag error
- Error point location



SIEMENS

OMRON

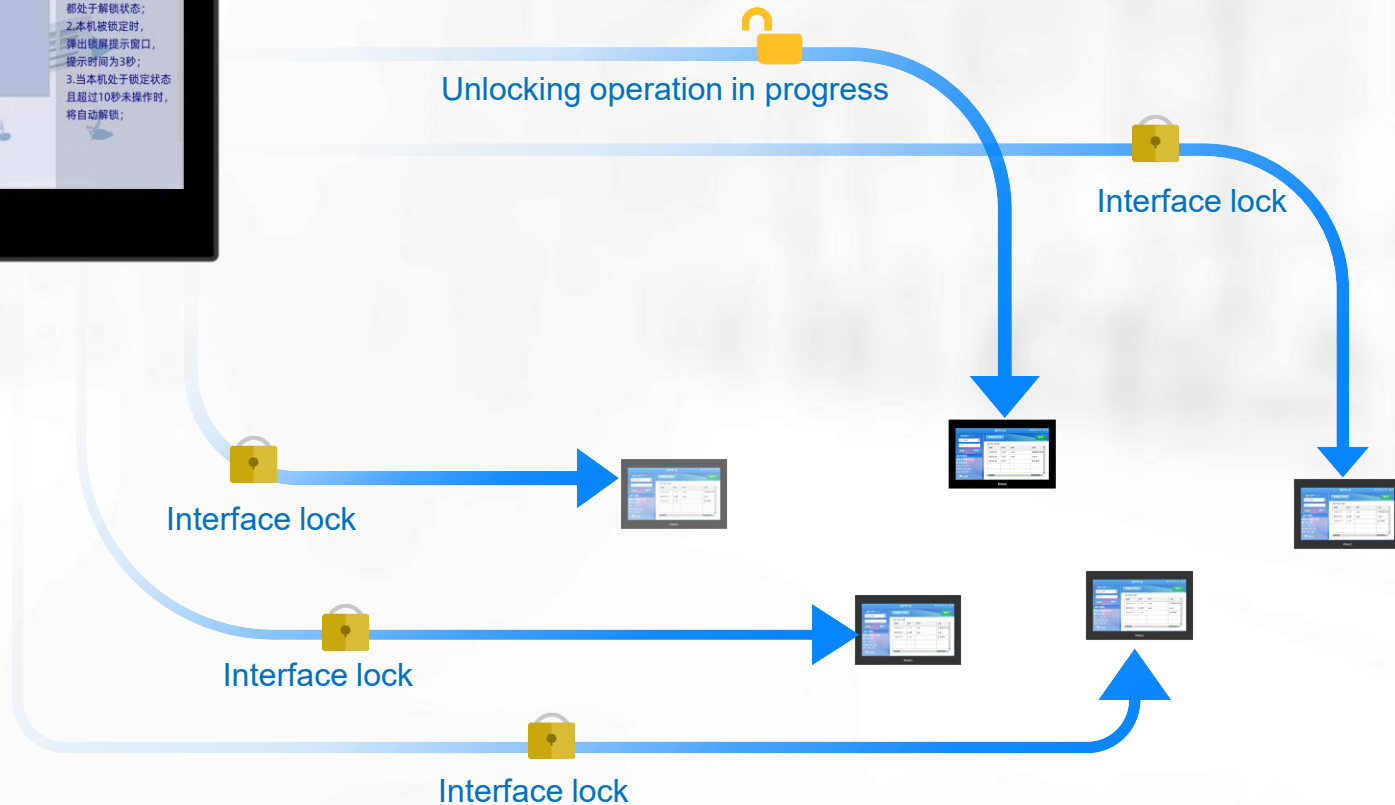
KEYENCE
基恩士

BECKHOFF

CODESYS
智能自动化

Multi-screen Interlock

Multi-screen interlock with one click、
Production line authority Efficient
management



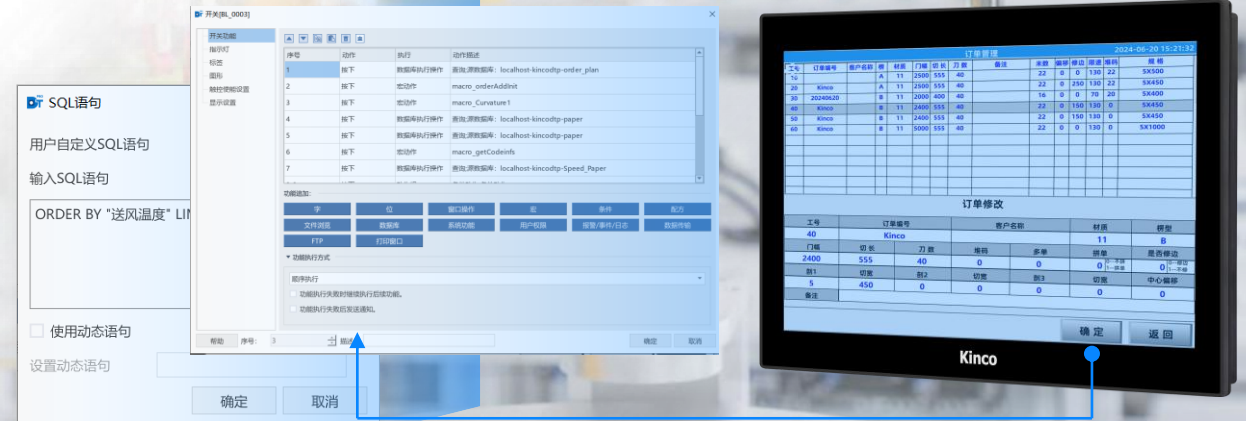
Independent Desktop

Over the same LAN

Support mobile terminal multi-station
remote debugging at the same time



Efficient interaction of massive data to avoid duplication of work



Multi-Device Connectivity

Database & Macros for Large Production Line Debugging

- 10+ Device Connection
- 365 Days of Operation
- 2000+ windows
- 10000+ alarm
- 100000 variables
- 1000000 Level Smooth Switching
- Opening, Compiling, and Running Speeds

All Significantly Improved

30S Quick Start, Zero Crashes

Industrial Ethernet IEEE 802.3 (Ethernet)



Central Monitoring System

Operation Log
auto-recording
Exportable

High security 
certification

- E-signature
- RFID login
- Global InterLock
- Operation Log
- Compliant with **GMP** and **FDA** Standards

操作日志

序号	类型	日期	窗口	元件	状态	描述	用户	权限
1	操作日志	23-02-20	8	BL 0015	成功	用户进入操作日志页面	管理员	admin
2	操作日志	23-02-20	8	BL 0015	成功	用户进入历史报警页面	管理员	admin
3	操作日志	23-02-20	8	BL 0015	成功	用户进入报警信息页面	管理员	admin
4	操作日志	23-02-20	8	BL 0015	成功	用户进入参数设置页面	管理员	admin
5	操作日志	23-02-20	8	BL 0015	成功	用户进入页面	管理员	admin
6	操作日志	23-02-20	8	BL 0015	成功	用户管理员登录成功	管理员	admin
7	操作日志	23-02-20	8	BL 0015	成功	开机	管理员	admin

操作日志总条数: 7

操作日志导出

删除

工艺流程 参数设置 报警信息 **操作日志** IO监控 产品配方 **电子签名** 用户管理

当前无通知信息...

电子签名

序号	类型	日期	时间	设备	窗口	元件	状态
1	电子签名	23-02-20	06:21		4	BL 0025	操作
2	电子签名	23-02-20	06:21		4	BL 0005	操作
3	电子签名	23-02-20	06:21		4	BL 0021	操作
4	电子签名	23-02-20	06:21		4	BL 0022	操作
5	电子签名	23-02-20	06:21				
6	电子签名	23-02-20	06:21				
7	电子签名	23-02-20	06:21				

校验者确认

操作者

变量名称: 电子签名,改变字符串

旧值: ddfgg

新值: Fg

操作者: 用户1

注释: 改变量值

校验者

用户名称: 管理员

用户密码:

预定义注释: 确认改变量值

注释: 确认修改变量值

清空电子签名

查找电子签名

导出电子签名

E-signature
searchable
exportable

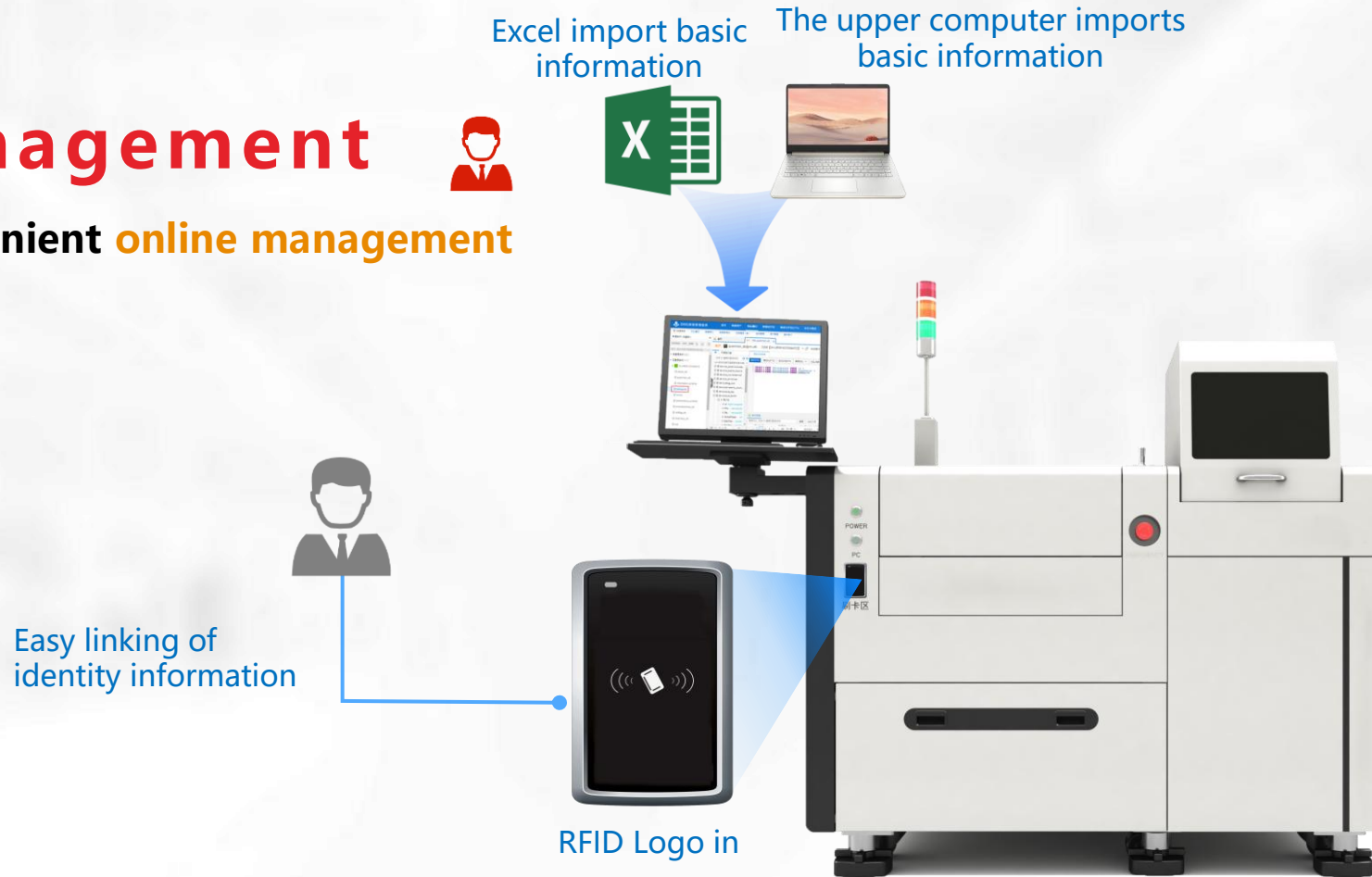
E-signature
Complete Process
Recording for
Traceability

Operator
First Confirmation

Verifier
Double Confirmation

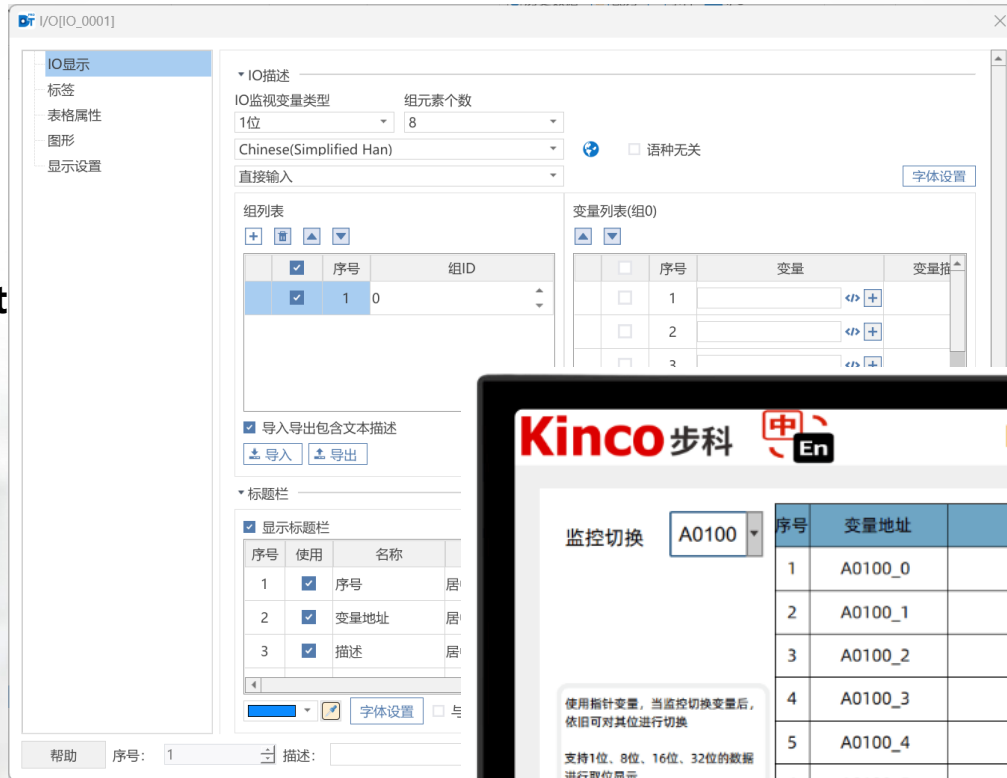
User management

More secure and convenient **online management**



IO Components

- Supports 1-bit, 8-bit, 16-bit and 32-bit.
- Variable type and variable state support customised graphical display, more intuitive.
- IO description support template import/export



Integrated UI library

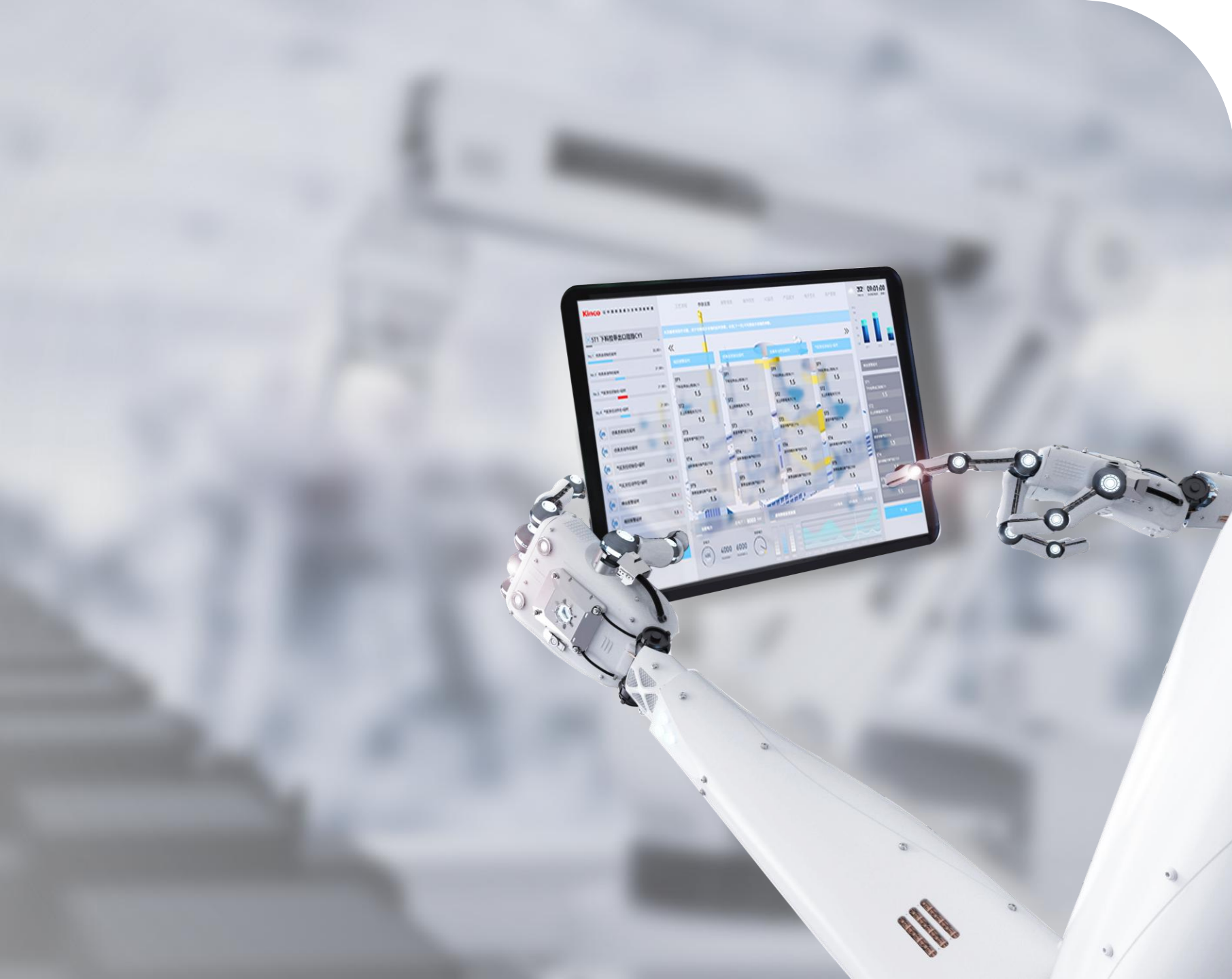
Massive engineering design templates to choose from

Banish Design Blunders, Unleash Your Inner UI Guru!



DToolsPro software comparison

Function	F2 Series	G2 Series	GL2 Series
Card Login	√	√	√
File Viewer (PDF&Image)	√	√	√
OPC UA (Sever&Client)	√	√	√
FTP (Sever&Client)	√	√	√
VNC (Sever&Client)	√	√	only Sever
Video player	√	√	×
Camer (IP&USB)	√	√	×
GlobalInterlock Logic	√	√	×
Local Network Database (sqlite&pgsql)	√	only sqlite	only sqlite
Remote Network Database (sqlserver&pgsql)	√	√	√
Independent Desktop	√	√	×
Electronic Signatures	√	×	×
WEB components	√	×	×

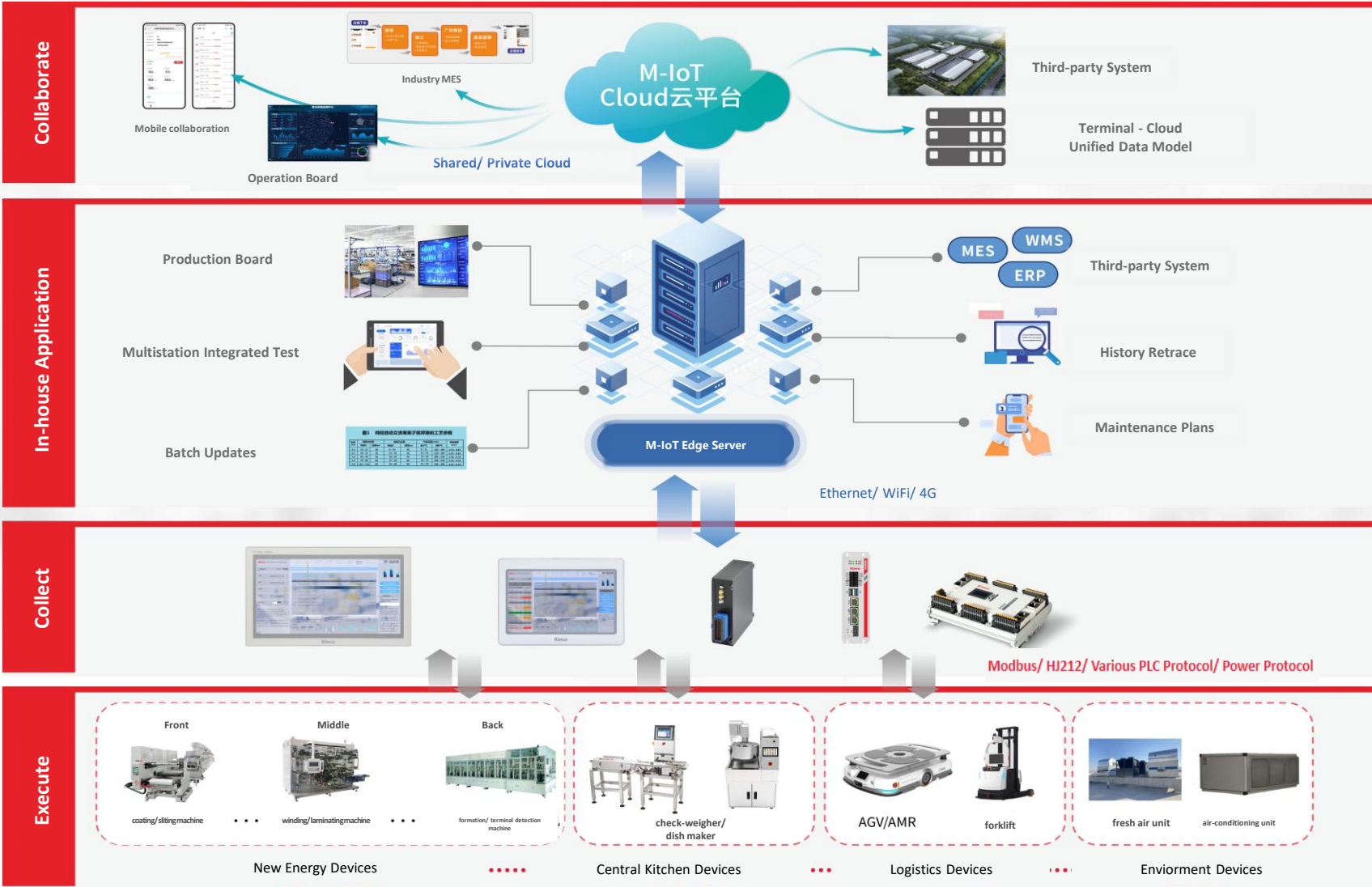


05

part five

IoT solutions

Kinco M-IoT Products Solution Architecture



O&M Dashboard

Cloud configuration free editing, can quickly build a signboard

Support PC, tablet, workshop screen, multiple terminals for remote placement.



- Production efficiency signboard
- Equipment Operation Signboard
- Energy consumption analysis signboard
-

Equipment Monitor

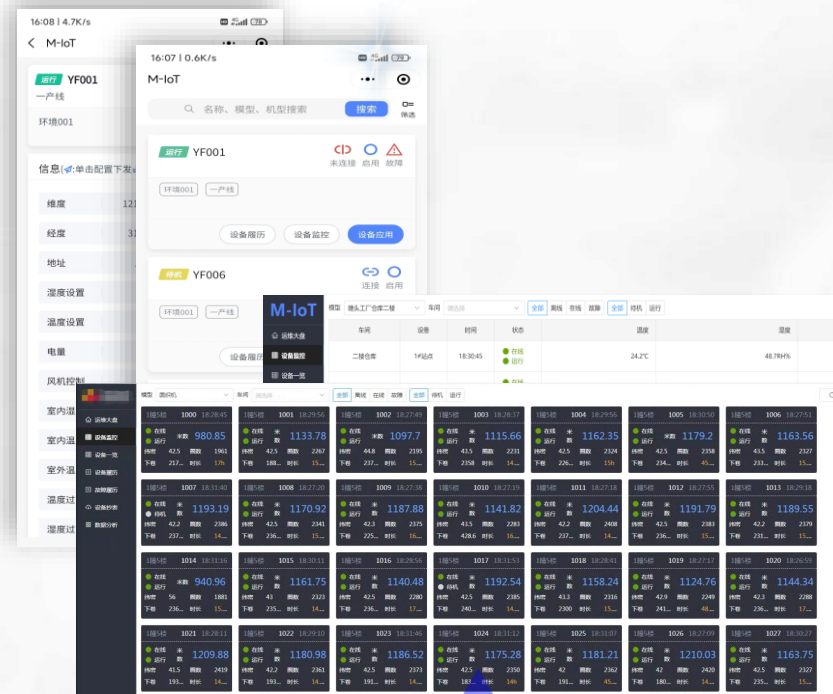
Real-time monitoring of key equipment parameters

List of all equipment running/downtime

Supports filtering by workshop, status, etc.

In stand-alone monitoring mode

- Real-time operation
- Monitoring of parameter change curves
- Historical data statistics chart
- Alarm messages
- Failure statistics analysis
- Equipment Information



Workshop Monitoring



EdgeAccess2 Remote Operation and Maintenance Platform

Kinco 步科
步科股份：688160

With DToolsPro software

High-speed and stable network

transmission technology

Global cross-region network
service

Beautiful and convenient

operation experience

PLC project upload
and download

PLC pass-
through

PC, mobile phone

Uploading and downloading recipes and other file

Background parameter monitoring

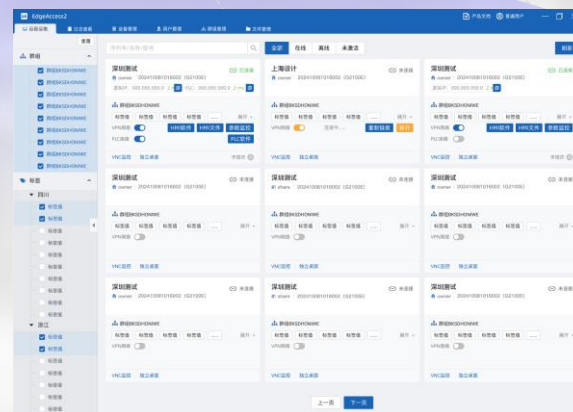
VNC, independent desktop online monitoring

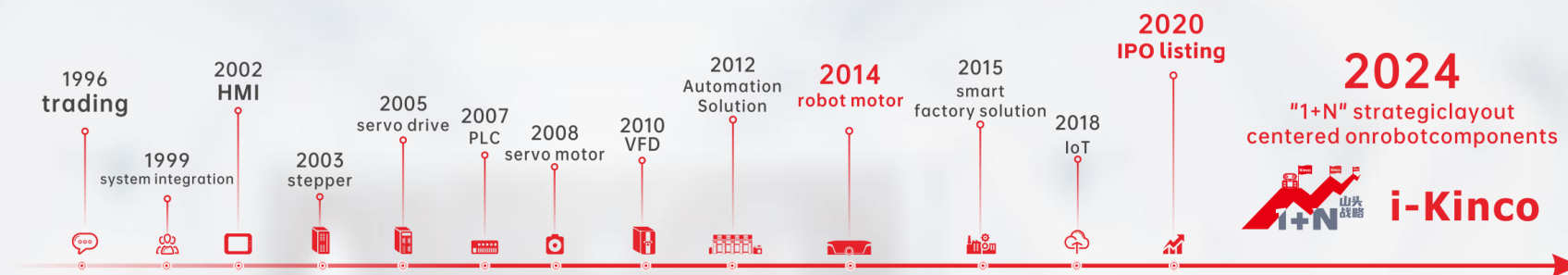
Operation log traceability



Central O&M

名称	地址	型号	品牌	固件版本	备注
上海设计	192.168.1.100	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.101	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.102	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.103	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.104	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.105	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.106	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.107	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.108	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.109	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.110	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.111	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.112	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.113	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.114	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.115	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.116	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.117	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.118	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
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上海设计	192.168.1.122	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.123	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
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上海设计	192.168.1.126	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
上海设计	192.168.1.127	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常
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上海设计	192.168.1.130	ET100-40	A. 欧姆龙(OMRON)	2024.10.07.10.00	正常





UU
part six

Brand Highlights

Kinco brand **6** Highlights

Leading HMI Stock
GEM

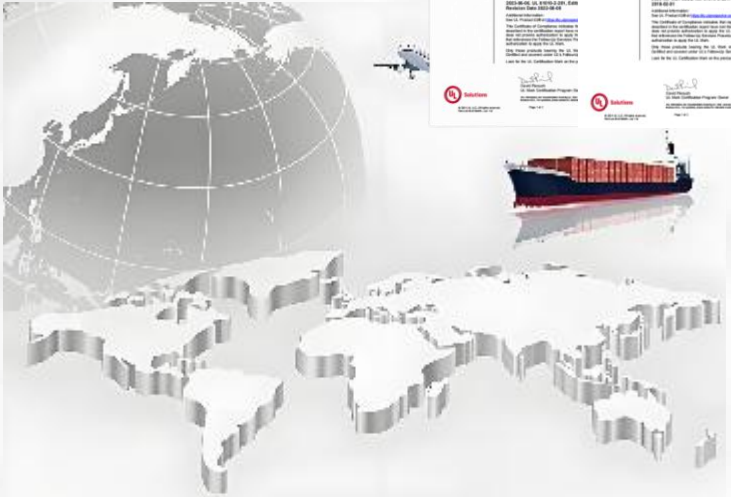
23 Years
Technical deposits

**Certificate
qualification**
CE, UL certification
complete

High Quality
Repair rate <3‰

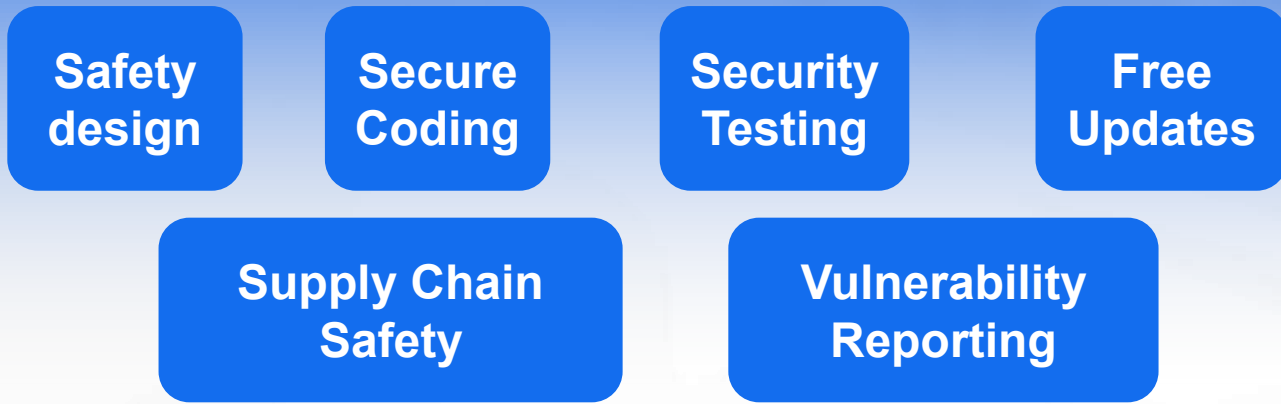
**Full range of
products**
Full set of industrial
control solutions

**Global
Services**
Global Marketing
Centre



Compliance certificates for Europe, America and other international regions.

Global vision to help overseas markets



Win-Win Cooperation

Kinco 步科
步科股份: 688160



Where there are robots, there is Kinco

HAIROBOTICS
海柔创新

Geek+

HANGCHA

Linde

NOBLELIFT 诺力

SINSUN 新松

HELI 合力

KUKA

ABB

FANUC



UNIVERSAL ROBOTS



One-stop service for logistics solutions

BlueSword
兰剑智能

DAIFUKU
Automation that Inspires

ENFON
上海音峰机器人

今天国际

KENGIC 科捷智能

Gen-song

inform 音飞
智能储存解决方案



Trusted partner of international brands

FESTO

OMRON

Honeywell

B&R
A member of the ABB Group

LS

KEBA
Automation by innovation.

EMERSON

SIEMENS
Ingenuity for life



Preferred brand in manufacturing industry

SAIC 上汽集团
SAIC MOTOR



上海地铁
SHANGHAI METRO

中国中车
CRRC

CSR
中国南车

CETC
中国电科



Motion control specialist for medical imaging equipment

UNITED 联影
IMAGING

SIEMENS
Healthineers



Empower new quality productive forces for advanced manufacturing

BYD

CATL
宁德时代

ATW
奥特维

S.C 捷佳伟创
SHENZHEN S.C

Lyric 利元亨
play with lyric

HACHT
海昌智能

LEAD 先导



Large terminal applications

通威股份
TONGWEI CO., LTD.

LONGi 隆基

一汽-大众
FAW-VOLKSWAGEN

小鹏



东风汽车

红旗

SHEIN

让机器人成为人类智造美好生活

Thank You

Kinco