Haiwell 海为®

Haiwell Cloud

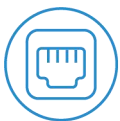Monitoring anytime & anywhere by Mobile

HD High-definition & High-speed

MQTT Server

# IOT Cloud HMI Human Machine Interface

Built-in Ethernet

WiFi Network

USB*2 Port

SD Card Storage

Mobile Monitoring

4G Network

7" 1024*600 HD display

# Products List

## 7" IOT Cloud HMI —— High Speed

| Model | TFT Screen | Storage | LAN | USB | COM | WIFI | Wireless | Hole Size WxH(mm) | Dimension WxHxD(mm) |
|---|---|---|---|---|---|---|---|---|---|
| C7S | 7" 800x480 | 4G + 512M + SD | 1 | 2 | 3 | | | 193x138 | 200x146x37 |
| C7S-E | 7" 800x480 | 4G + 512M + SD | 1 | 2 | 2 | | Global 4G/3G/2G | | |
| C7S-W | 7" 800x480 | 4G + 512M + SD | 1 | 2 | 3 | Yes | | | |
| C7S-EW | 7" 800x480 | 4G + 512M + SD | 1 | 2 | 2 | Yes | Global 4G/3G/2G | | |
| C7S-G | 7" 800x480 | 4G + 512M + SD | 1 | 2 | 2 | | China 4G/3G/2G | | |
| C7S-GW | 7" 800x480 | 4G + 512M + SD | 1 | 2 | 2 | Yes | China 4G/3G/2G | | |

## 7" IOT Cloud HMI —— HD

| Model | TFT Screen | Storage | LAN | USB | COM | WIFI | Wireless | Hole Size WxH(mm) | Dimension WxHxD(mm) |
|---|---|---|---|---|---|---|---|---|---|
| C7H | 7" 1024x600 | 4G + 512M + SD | 1 | 2 | 3 | | | 193x138 | 200x146x37 |
| C7H-E | 7" 1024x600 | 4G + 512M + SD | 1 | 2 | 2 | | Global 4G/3G/2G | | |
| C7H-W | 7" 1024x600 | 4G + 512M + SD | 1 | 2 | 3 | Yes | | | |
| C7H-G | 7" 1024x600 | 4G + 512M + SD | 1 | 2 | 2 | Yes | China 4G/3G/2G | | |

## 10.1" IOT Cloud HMI —— High Speed

| Model | TFT Screen | Storage | LAN | USB | COM | WIFI | Wireless | Hole Size WxH(mm) | Dimension WxHxD(mm) |
|---|---|---|---|---|---|---|---|---|---|
| C10S | 10.1" 1024x600 | 4G + 512M + SD | 1 | 2 | 3 | | | 260x202 | 270x212x35 |
| C10S-E | 10.1" 1024x600 | 4G + 512M + SD | 1 | 2 | 2 | | Global 4G/3G/2G | | |
| C10S-W | 10.1" 1024x600 | 4G + 512M + SD | 1 | 2 | 3 | Yes | | | |
| C10S-EW | 10.1" 1024x600 | 4G + 512M + SD | 1 | 2 | 2 | Yes | Global 4G/3G/2G | | |
| C10S-G | 10.1" 1024x600 | 4G + 512M + SD | 1 | 2 | 2 | | China 4G/3G/2G | | |
| C10S-GW | 10.1" 1024x600 | 4G + 512M + SD | 1 | 2 | 2 | Yes | China 4G/3G/2G | | |

# Product Features

- 7" /10.1" available, LED backlight, 4G FLASH + 512M DDR3 storage.
- Supports Cloud / mobile terminal access control, strong operability
- Integrate Haiwell Cloud service, built-in Haiwell Cloud engine
- Supports program download by serial port, U disk, SD card, Ethernet and Cloud
- Management by Cloud SCADA. Innovative A/B Key security mechanism
- Supports remote accessing and control by Cloud and mobile
- Supports multi-screen networking, multi-screen interactive management
- Supports for MQTT protocol, can access to database server as ERP and MES systems
- Supports remote programming, download, firmware upgrade, diagnostics, monitoring and debugging of PLC programs.
- Supports for edge calculations. Edge computing through scripting engines built into the terminal, function operations, and interaction with device data
- Supports for multiple third party protocols. Built-in a variety of industrial equipment drivers, supports the current mainstream PLC, inverter, instrument

Mobile APP remote access & control

Support Cloud transparent transmission

AB Key security protection

MQTT Connect to databases such as ERP/MES

Real-time alarm by APP/ WeChat/ SMS

Support multiple third party protocols

## Haiwell Cloud Integration

- Through mobile phones APP provided by Haiwell cloud and Haiwell cloud website easily achieve the remote viewing and control of HMI/Cloud Box and SCADA
- Support to send alarm information by mobile phone APP, SMS, E-mail and other ways of communication, and using the powerful alarm mechanism makes you feel at ease wherever you are
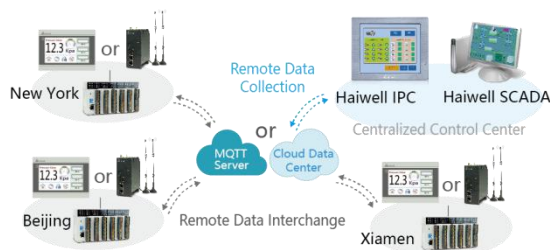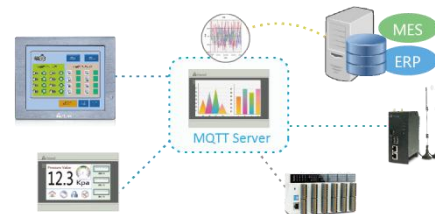


## Remote equipment centralized control & Haiwell Cloud Data Center

- Haiwell IOT HMI/Cloud box/IPC can realize off-site data interchange through MQTT server.
- Through Haiwell Cloud SCADA, can read off-site data and realize centralized control of remote equipment.
- Haiwell provides Cloud data center functions, eliminating the need for users to build MQTT servers, and easily realize centralized control of remote devices.
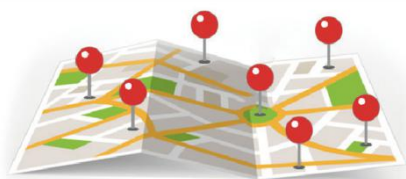


## Haiwell Cloud devices map

- You can easily remote view all the device's geography location on the phone, you can also display all the devices on the big screen map, both intuitive and convenient
- With the real-time bounce-alarm function, you can immediately view the location of alarm source device.



## Innovative A/B Key Security Mechanism

- It needs to set the A Key account of HMI/Cloud Box or SCADA in order to open cloud access, which can improve operational safety
- It can set a number of B Key accounts to assist A Key account in managing device, which can achieve multiple protection
- If any visitor wants to bind the device, it need to get authorization from A key and B Key, and A key and B Key can set the access time for visitors, the double key auditing mechanism has a higher security level



## Support MQTT protocol & built-in MQTT

- Supports access to database server, easily realize data collection and reporting, and connect to ERP/MES systems.
- Haiwell IOT HMI/Cloud box/IPC are built-in MQTT server, can enable the MQTT proxy function and easily implement MQTT networking.
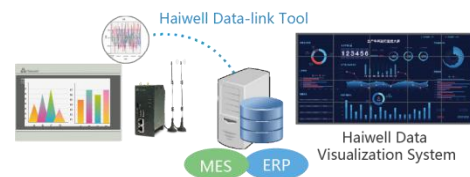


## Haiwell Data-Link Tool and database

- Through Haiwell data-Link tool, real-time data and historical data can be stored in databases such as MySQL and SQL Server, and data can be delivered.
- With Haiwell data visualization system, it can easily produce various data reports, realize data analysis and large-screen data presentation, provide various data support for management decision-making.

Haiwell APP

Haiwell WeChat

CE FC ISO
ISO9001:2015

The parameters of product are subject to changes without prior notice. (Ver. I - 201909)