



“Non-screen Haiwell IOT Cloud HMI”

IOT Cloud Box = IoT Gateway + DTU + HMI (Use mobile as local screen)

Integrated Multiple Functions. **Small Box, Big Use.**



Use local mobile or iPad as monitor screen, achieve local operations.



Supports remote programming, debugging, upload&download etc




Supports MQTT protocol, easy access to data base as ERP/MES etc.



Built-in multiple industrial equipment drivers



Model List

Model	Storage	LAN	USB	COM	WIFI	Wireless	Dimension (mm) W x H x D
CBOX	4G + 512M + SD	2	2	2	Yes		 50x120x85
CBOX-E	4G + 512M + SD	2	2	2	Yes	Global 4G/3G/2G	
CBOX-G	4G + 512M + SD	2	2	2	Yes	China 4G/3G/2G	



Ethernet



WiFi



USB



SD Card



A/B key
Protection



4G Network



Product Features

- 4G Flash + 512M DDR3, small size, multi-function, cost-effective.
- Integrated functions as IoT gateway + DTU + HMI all in one, saving cost and space. Small box, big application.
- Innovative A/B Key security mechanism, multi-unit networking, database, multi-screen interaction, Cloud camera remote monitoring etc.
- No need to develop the remote control interface twice, all projects are developed at one time, what you see is what you get. The display screen can be directly monitored through the mobile phone/PC terminal instead of the HMI screen, and the control is flexible and convenient
- Support MQTT protocol. It can be connected to database server/ERP/MES and other systems to easily realize data collection and reporting. Support millions of terminal concurrent networks
- Support Haiwell Cloud SCADA. Built-in Haiwell Cloud engine, integrated Haiwell Cloud service. Supports Cloud and mobile accessing control.
- Supports edge calculations, Cloud transparent transmission.
- Supports multiple third party protocols. Built-in a variety of industrial equipment drivers, support the current mainstream PLC, inverter, instruments.

Use local mobile or iPad
as monitor screen,
achieve local operation.



Configuration



A/B Key

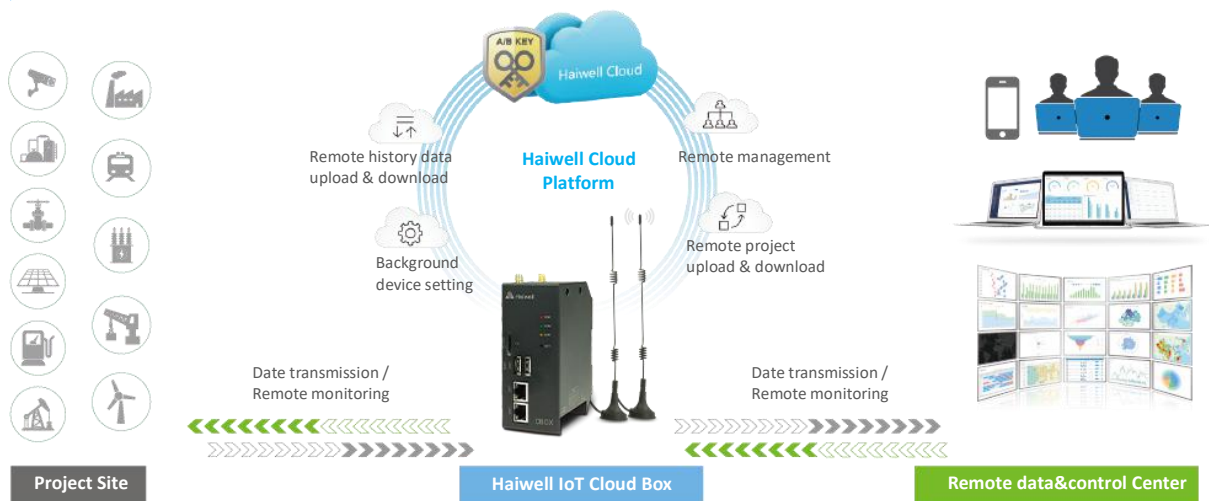


Remote Monitoring



Real-time alarm

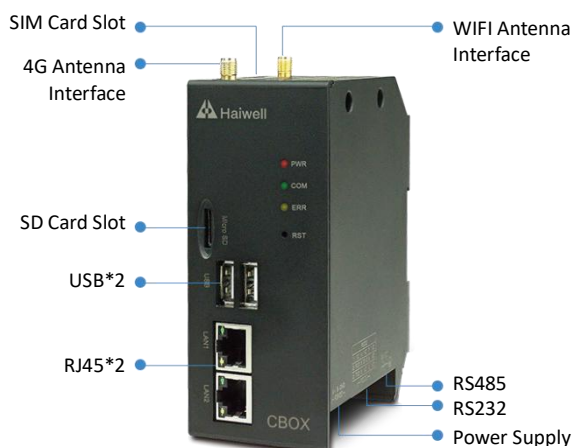
Architecture Diagram



Advantage

- Remote Mobile APP monitoring and management. A/B Key security
- Cloud transparent transmission. Supports remote PLC programming, debugging etc
- Supports MQTT protocol. Easy connect to database as ERP/MES etc
- No need for users to build MQTT server, easily achieve remote centralized control of equipment through Haiwell Cloud data center
- Built-in multiple industrial equipment drivers. Support mainstream PLC, inverter,
- Real-time abnormal alarm prompt by mobile APP, WeChat or SMS
- Supports remote devices centralized monitoring and management
- Built-in MQTT server, can enable proxy function and easily implement MQTT networking.
- SCADA programming and management. Flexible multi-unit networking

Interface Instruction



- 4G Networking**
In the case of outdoor work such as mining, or limited networking conditions, 4G networking will be very helpful.
- Fearless from the wind**
Strong housing protection design, even in harsh outdoor environments, no need to worry about hardware damage caused by exposed to the sun.
- Inside or outside cabinet**
No additional cabinet protection required, can be installed inside or outside the cabinet, saving costs.



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The parameters of product are subject to changes without prior notice. (Ver. I - 202101)