



IOT Cloud Box

“Non-screen Haiwell IOT Cloud HMI”



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.

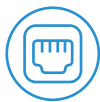


Built-in multiple industrial equipment drivers



Model List

Model	Storage	LAN	USB	COM	WIFI	Wireless	Dimension (mm) WxHxD
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

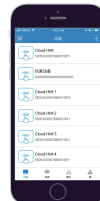


4G Network

Product Features

- 4G Flash+512M DDR3, small size, multi-function, cost-effective.
- Integrated HMI function, can directly monitor the display screen by mobile or PC instead of HMI screen. More flexible and convenient.
- Innovative A/B Key security mechanism, multi-unit networking, database, multi-screen interaction, Cloud camera remote monitoring etc.
- Supports MQTT protocol, can access to database server as ERP/MES etc, easy to achieve data collection and reporting.
- 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 operations.



Config



ABKey

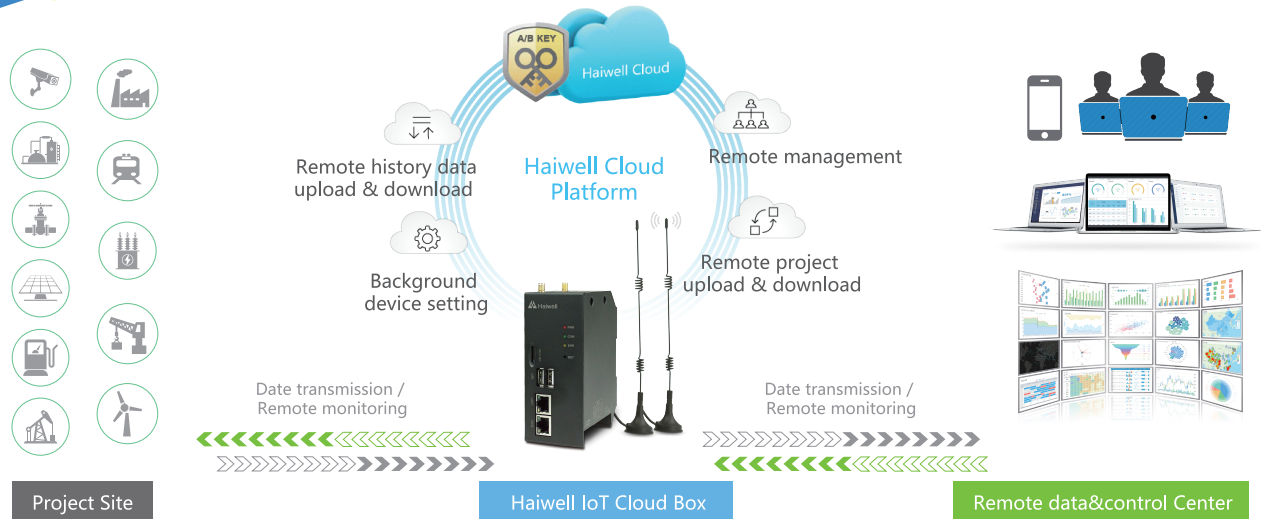


Remote Monitoring



Realtime alarm

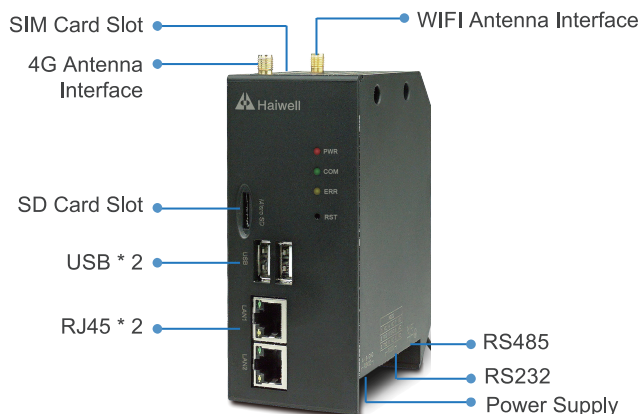
Architecture Diagram



Advantage

- Remote Mobile APP monitoring and management. A/B Key security
- Cloud transparent transmission. Supports remote PLC programming, debugging etc
- Supports remote devices centralized monitoring and management
- 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 MQTT server, can enable proxy function and easily implement MQTT networking.
- Built-in multiple industrial equipment drivers. Support mainstream PLC, inverter, meter.
- Real-time abnormal alarm prompt by mobile APP, WeChat or SMS
- SCADA programming and management. Flexible multi-unit networking

Interface Description



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 and the sun

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 installation

No additional cabinet protection required, can be installed inside or outside the cabinet, saving costs.



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Haiwell APP



Haiwell WeChat



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