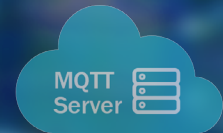




Non-Screen Intelligent HMI with IO Points
Small Box, Great Ability



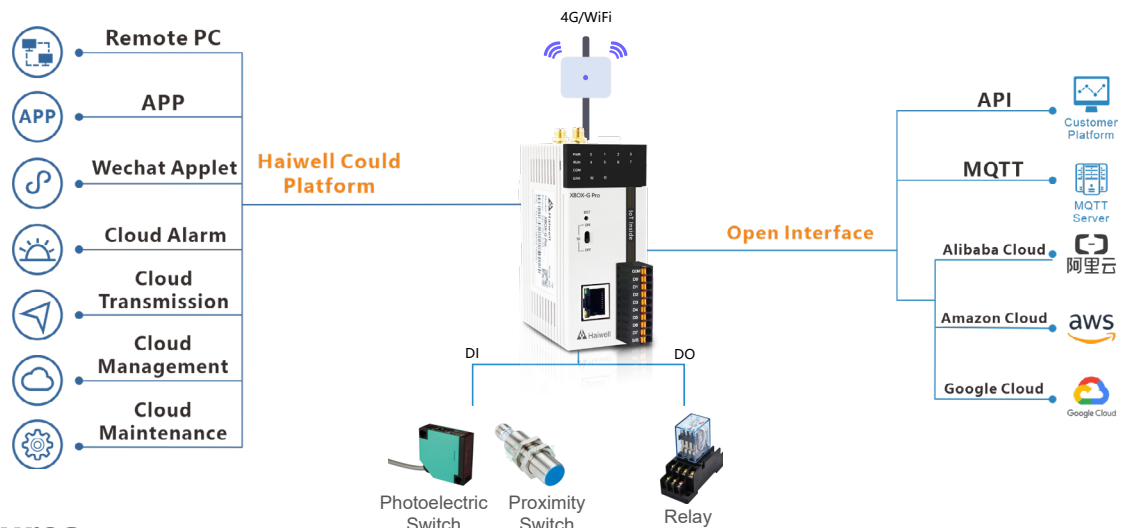
Intelligent Gateway XBOX

10 Highlights

- Download HMI program in gateway and use mobile phone as a monitor.
- Enable simple connection between gateway, HMI, mobile phone, tablet, computer, TV and camera over the Internet.
- Allow remote access for multiple concurrent users without SCADA in the cloud or VNC connection.
- Provide data transmission and data storage in any public or private server.
- Integrate data with ERP, MES or other applications by MQTT, OPC UA, HTTP, TCP and etc.
- Embed the display of HMI in other applications like software, APP and etc.
- Use mobile phone as a scanner to scan barcode and enter information in HMI.
- Apply to data visualization or centralized control on large screen by TVBOX.
- Provide 8-channel configurable digital I/O.
- Enable simple connection between gateway, HMI, mobile phone, tablet, computer, TV and camera in local area network.

Model List

Model	Storage	I/O	LAN	COM	Satellite Positioning	WIFI	Wireless Network	Dimension W×H×D
XBOX	4G + 512M	8 DI	1	1		Yes		40×95×69mm
XBOX-G	4G + 512M	8 DI	1	1		Yes	China 4G	
XBOX-GP	4G + 512M	8 DI	1	1	Yes		China 4G	
XBOX-E	4G + 512M	8 DI	1	1		Yes	China 4G	
XBOX Pro	4G + 512M	8 DI/DO, User-defined	1	1		Yes		40×95×69mm
XBOX-G Pro	4G + 512M	8 DI/DO, User-defined	1	1		Yes	China 4G	
XBOX-GP Pro	4G + 512M	8 DI/DO, User-defined	1	1	Yes		China 4G	
XBOX-E Pro	4G + 512M	8 DI/DO, User-defined	1	1		Yes	Global 4G	



Features

I/O Digital I/O
XBOX provides 8-channel configurable digital I/O



Use mobile phone as a monitor
Users can use mobile phone, tablet and desktop as a monitor to control gateway.



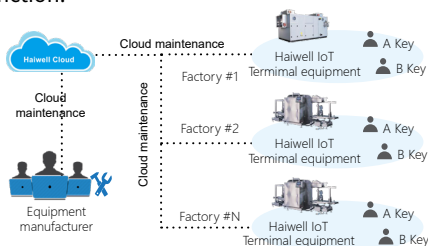
Connection in LAN
All models have built-in IIoT technology which enables local access and open interface without internet.



Remote access
With the real-time control solution developed by Haiwell, concurrent users can remotely access gateway by APP and desktop.



Cloud maintenance
It's easier for manufacturers to manage equipments by using remote maintenance function.



Secure access
The remote access needs to be identified by the A/B key security mechanism. The remote control can be configured to be authorized on gateway.





Data security

The user data is not stored in Haiwell cloud. All the data can be stored in private or public server assigned by users.



IoT platform

All models support the connection to Alibaba Cloud IoT, AWS IoT and Google Cloud IoT Core.

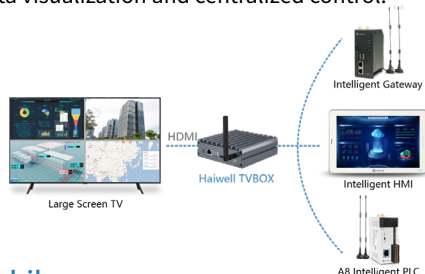


Currently supported IOT platforms. Keep updating...



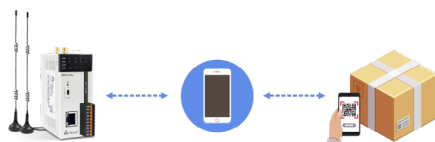
Digital display board

The production data, device state and video surveillance can be viewed on large screen by connecting with TVBOX. It can be applied to data visualization and centralized control.



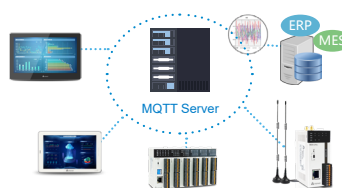
Mobile scanner

You can turn your mobile phone into a barcode scanner and enter information everywhere. It's more convenient than external scanner.



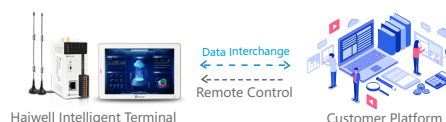
MQTT protocol

MQTT protocol is supported and applied to the connection with ERP/MES/database.



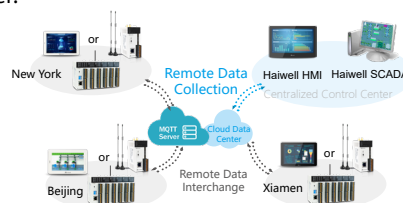
Display integration

The display of gateway can be embedded in other applications such as software, website, APP and etc so that they have remote access to gateway.



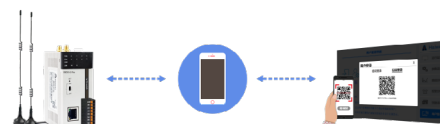
Remote centralized control

All the data of remote devices can be acquired through MQTT broker for centralized control. Users don't even need to deploy server if using cloud data center.



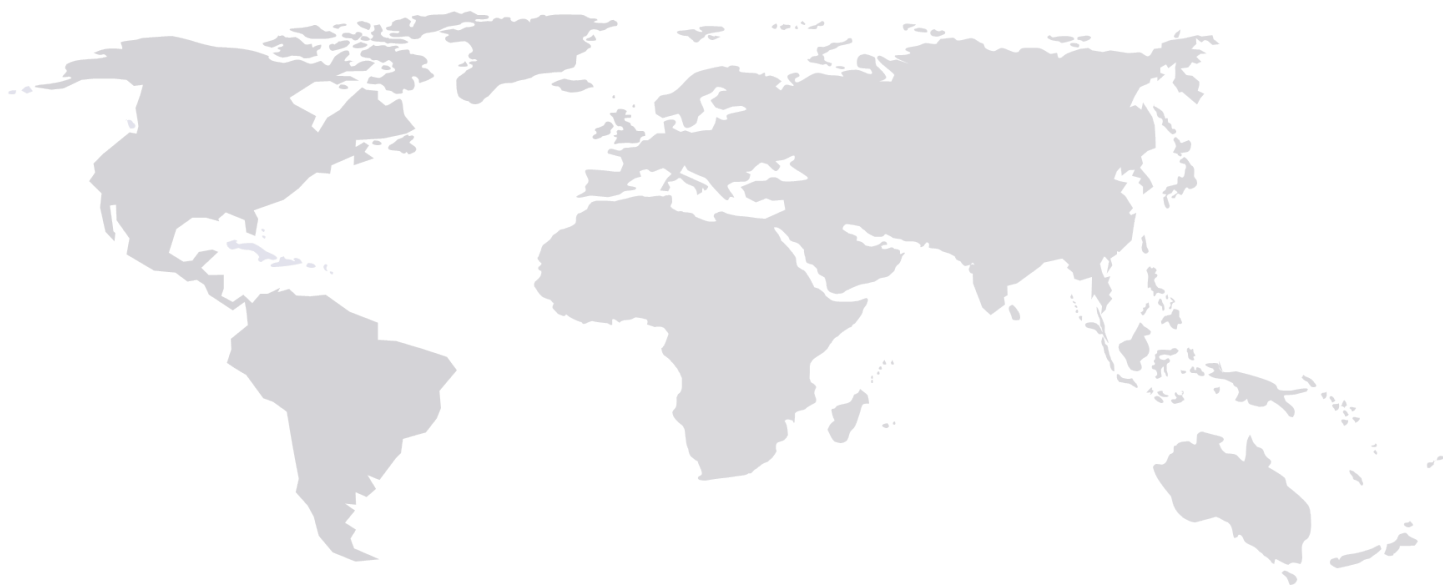
Mobile authentication

The identity of operator can be verified recognition or scanning a QR code with mobile phone.



Specification

Specification		XBOX	XBOX-G	XBOX-GP	XBOX-E	XBOX Pro	XBOX-G Pro	XBOX-E Pro	XBOX-GP Pro
Software		Haiwell Cloud SCADA							
Hardware	Flash	4GB							
	RAM	512MB							
	Serial port	RS232/RS485*1							
	Ethernet Port	10/100 Base-T*1							
	Switch S0	Single pole double throw							
	Digital I/O	8 photoelectric isolated digital inputs				8 configurable photoelectric isolated digital I/O			
RTC		Yes							
Power	Rated input power	24V DC±20%							
	Power Consumption	5W@24V DC							
	Power protection	Equipped with surge protection and anti reverse connection protection							
	Voltage Resistance	500V AC							
	Voltage Resistance	Exceed 50MΩ @500VDC							
Enviroment	Storage temperature	-20°C ~70°C							
	Operating temperature	-10°C ~60°C							
	Relative humidity	10%~ 90%RH (no condensation)							
	Cooling method	Natural wind cooling							
	Vibration Endurance	10 ~ 25 Hz X, Y, Z direction 2G/30 min							
	Impact resistance	15G, 11ms, 6 times in each of X,Y or Z direction							
	Operating environment	Dustproof,moisture proof,corrosion resistant,and protected from electric shock and external impact environments							
Structure	External dimensions	40mm*95mm*69mm							
	Material	ABS and PC (flame-retardant)							
	Installation	DIN rail mounting							
Function	WIFI	Yes		No		Yes		No	
	Wireless	No	China 4G		Global 4G	No	China 4G	Global 4G	China 4G
	Satellite Positioning	No	Yes		No				Yes



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Haiwell APP



Haiwell Wechat

The parameters of product are subject to changes without prior notice. (Ver I - 202508)