

RFID support

Built-in voice, microphone and speaker



# A Series SmartLink HMI

## 11 Highlights

- Enable simple connection between HMI, mobile phone, tablet, computer, TV, camera and other HMIs in local area network.
- Enable simple connection between HMI, mobile phone, tablet, computer, TV, camera and other HMIs 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.
- Support Beidou positioning and trajectory tracking.
- Include intelligent functions such as TTS output, intercom, audio and video file playback, video surveillance, RFID/NFC recognition and etc.
- Use innovative design including HD screen, narrow bezel and optional features like eSIM, microphone, speaker and RFID reader.

# Model List

Model	TFT Screen	Storage	LAN+COM	USB	intelligentize	Voice	Local video	RFID	Satellite positioning	WIFI	Wireless	Hole Size W×H(mm)	Dimension W×H×D(mm)
A7	7" 1024*600 HD	4G+512M	1+3	1	speaker	Yes						187x114 Chamfer: R7mm	193x120x32mm
A7-G		4G+512M	1+3	1	speaker	Yes					*Built in eSIM		
A7-W		4G+512M	1+3	1	speaker	Yes				Yes			
A7-GP		4G+512M	1+3	1	speaker	Yes			Yes		*Built in eSIM		
A7-GW		4G+512M	1+3	1	speaker	Yes				Yes	*Built in eSIM		
A7-E		4G+512M	1+3	1	speaker	Yes					Global 4G		
A7-EW		4G+512M	1+3	1	speaker	Yes				Yes	Global 4G		
A7 Pro		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes					
A7 Pro-G		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes			*Built in eSIM		
A7 Pro-W		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes		Yes			
A7 Pro-GP		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes	Yes		*Built in eSIM		
A7 Pro-GW		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes		Yes	*Built in eSIM		
A7 Pro-E		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes			Global 4G		
A7 Pro-EW		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes		Yes	Global 4G		
A10	10.1" 1280*800 HD	4G+512M	1+3	1	speaker	Yes						254x161 Chamfer: R7mm	260x167x32mm
A10-G		4G+512M	1+3	1	speaker	Yes					*Built in eSIM		
A10-W		4G+512M	1+3	1	speaker	Yes				Yes			
A10-GP		4G+512M	1+3	1	speaker	Yes			Yes		*Built in eSIM		
A10-GW		4G+512M	1+3	1	speaker	Yes				Yes	*Built in eSIM		
A10-E		4G+512M	1+3	1	speaker	Yes					Global 4G		
A10-EW		4G+512M	1+3	1	speaker	Yes				Yes	Global 4G		
A10 Pro		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes					
A10 Pro-G		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes			*Built in eSIM		
A10 Pro-W		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes		Yes			
A10 Pro-GP		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes	Yes		*Built in eSIM		
A10 Pro-GW		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes		Yes	*Built in eSIM		
A10 Pro-E		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes			Global 4G		
A10 Pro-EW		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes		Yes	Global 4G		
A15	15.6" 1920x1080 HD Capacitive touch	4G + 1G	2+3	2	speaker	Yes						383x245 Chamfer: R7mm	394x256x45mm
A15-G		4G + 1G	2+3	2	speaker	Yes					*Built in eSIM		
A15-W		4G + 1G	2+3	2	speaker	Yes				Yes			
A15-GP		4G + 1G	2+3	2	speaker	Yes			Yes		*Built in eSIM		
A15-GW		4G + 1G	2+3	2	speaker	Yes				Yes	*Built in eSIM		
A15-E		4G + 1G	2+3	2	speaker	Yes					Global 4G		
A15-EW		4G + 1G	2+3	2	speaker	Yes				Yes	Global 4G		
A15 Pro		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes					
A15 Pro-G		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes			*Built in eSIM		
A15 Pro-W		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes		Yes			
A15 Pro-GP		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes	Yes		*Built in eSIM		
A15 Pro-GW		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes		Yes	*Built in eSIM		
A15 Pro-E		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes			Global 4G		
A15 Pro-EW		4G + 1G	2+3	2	microphone speaker	Yes	Yes	Yes		Yes	Global 4G		

\*The only supported country is China

# Features

## Connection in LAN

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



## Video surveillance

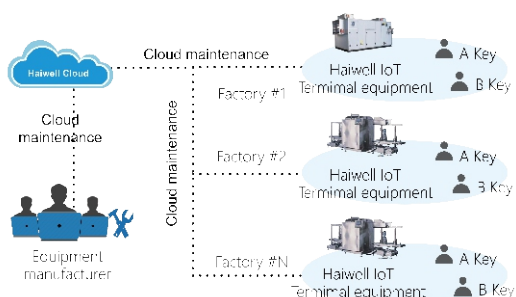
HMI can connect with camera supporting RTSP or EZVIZ protocol by Ethernet. The camera can be watched on HMI and APP.



(Only supported in Pro version)

## Cloud maintenance

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



## Video playing

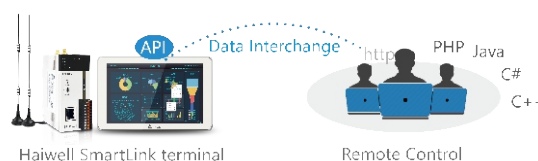
You can play video on HMI. The supported format is Mp4.



(Only supported in Pro version)

## Web API

Users can get the data and control device on their own platform or software by Web API in local area network or over Internet.



## 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.



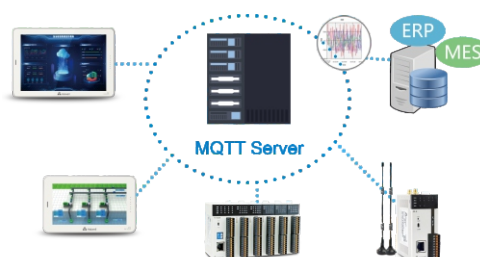
## IoT platform

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



## MQTT protocol

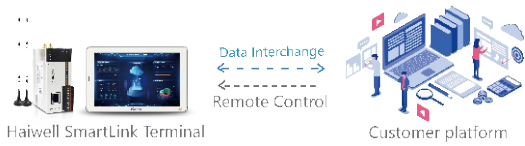
MQTT protocol is supported and applied to the connection with ERP/MES/database.





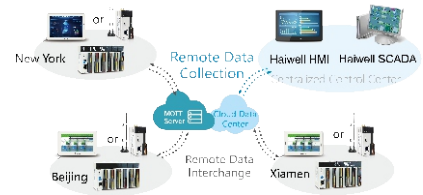
### Display integration

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



### 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.



### Text to speech

The english text can be converted into voice through built-in speaker. Audio files can also be played.



Support text to speech



Support voice broadcast



Support voice intercom



built-in multimedia hardware



Support remote intercom and broadcast with mobile phone



### Mobile scanner

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



### Mobile authentication

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



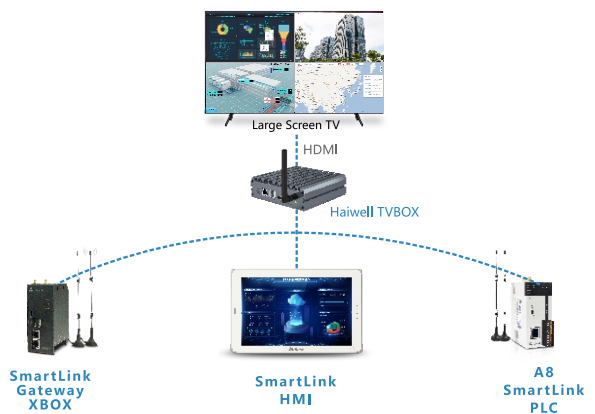
### RFID/NFC

HMI supports reading RFID tags and NFC recognition, which can be applied to user login and access control.



### 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.



### Satellite positioning

Support Beidou positioning and trajectory tracking. Users can check the realtime position of devices.









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Haiwell APP



Haiwell Wechat

The parameters of product are subject to changes without prior notice. (Ver I - 202412)