Haiwell 海为®

Intelligent core screen controller

TVBOX



10 Highlights

- Monitor production data, device state and video surveillance on the display board without programming.
- Provide various and beautiful data visualization templates which cover a variety of scenarios.
- Provide digital welcome board, which can be applied to ceremony, visit, meeting and etc.
- Provide split-screen viewing to monitor HMI, gateway, PLC, map, data visualization, camera, video file and URL link.
- Use mobile phone or tablet as a remote to control large screen monitor.
- Allow remote access to TVBOX by APP/PC in local area network or over the internet.
- Present real-time alarm information of local and cloud device, thereby ensure the safety and stability of equipment.
- Present electronic SOPs in file/video form and achieve the goal of paperless management.
- Support playing of video and audio files, which can be applied to promotion of a company, ceremony, product demonstration and etc.
- Take TVBOX as the control center to connect HMI, gateway, PLC, cloud, data visualization, mobile phone, tablet, computer, TV, camera and ERP/MES system.

Haiwell TVBOX is a large screen contorller which provides centralized management of Haiwell HMI/BOX/SCADA/IoT PLC/surveilance camera and beautiful data visualization for large screen to show the key informations including device, project, alarm, video and surveillance. TVBOX also provides welcome screen function and helps to enhance the corporate image .

TVBOX is controlled by mobile phone instead of TV remote. Compared with traditional large screen solution, it is easier to use. TVBOX supports remote visit and A/B Key security mechanism. Device members can remotely visit and control TVBOX through cloud platform, APP and WeChat mini program.

Model List

Model	Picture Quality	HDMI 2.0	Flash+RAM	WIFI	USB	LAN	Special Function	Support Camera	Dimensions
TVBOX4	1K	1	4G+4G	2.4G	1*USB 2.0+1*USB 3.0	10/100/1000Base-T	/	1	112x112x30mm
TVBOX4 Pro	4K	1	8G+4G	2.4G	1*USB 2.0+1*USB 3.0	10/100/1000Base-T	support data visualization and URL link	3	134x125x49mm

Intelligent Core



Product Features

Local And Cloud Device

All devices in local area network and cloud account will be found and managed on large screen.



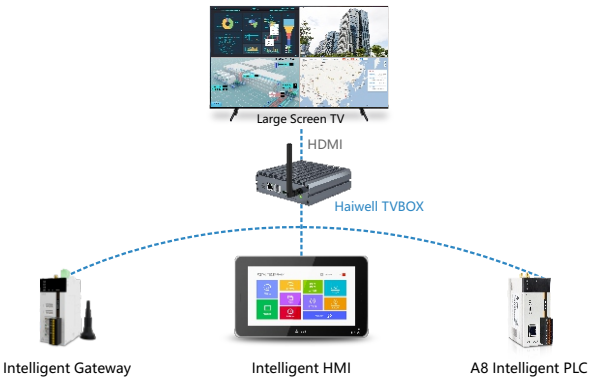
Video Surveillance

You can watch video surveillance in single-screen or split-screen view by TVBOX.



Large Digital Display Board

It's easy to provide large digital display board with TVBOX, TV, and HMI/gateway/A8.



Cool Data Visualization Templates

TVBOX provides various cool templates which cover a variety of scenarios.



Digital Welcome Board

TVBOX provides various welcome templates, which can be applied to ceremony, visit, meeting and etc.



Control TV From Your Phone

You can turn mobile phone into a remote by scanning QR code.



ESOP

SOPs can be presented on digital board in file/video form. It help you to achieve paperless management.



Video Playing

Video and audio files can be played on TV. It can be applied to promotion of a company, ceremony, product demonstration and etc.



Split-Screen View

You can monitor HMI, gateway, PLC, map, data visualization, camera, video file and URL link at the same time in split-screen view.



Local And Remote Access

Users can access TVBOX by APP/PC in local area network or over the internet.

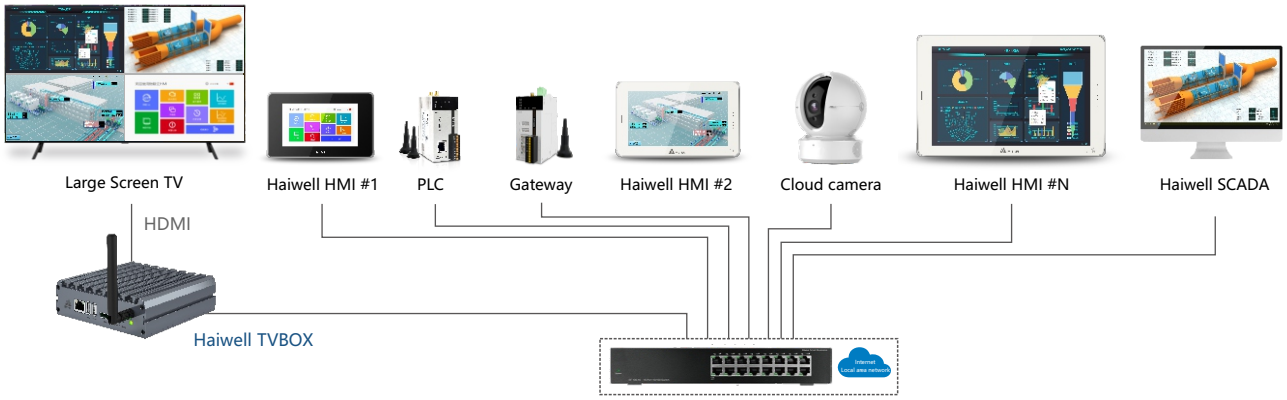


Present Alarm Information

Real-time alarm information of local and cloud device can be presented on TV, which ensures the safety and stability of equipment.



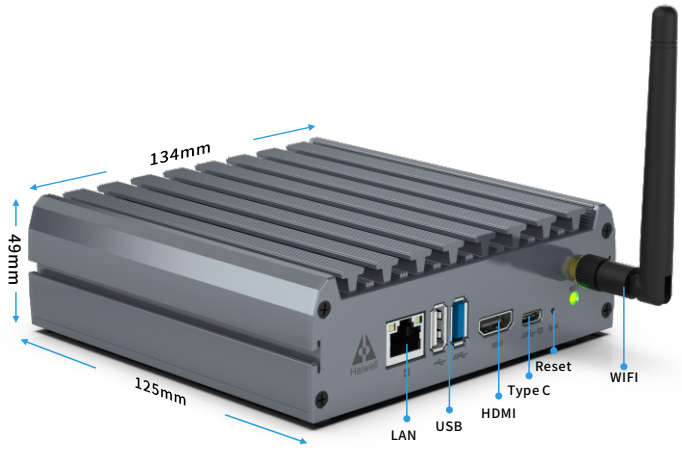
Network Diagram



Specification

Specification		TVBOX4	TVBOX4 Pro
Hardware	Flash	4GB	8GB
	RAM	4GB	
	Ethernet port	10/100/1000Base-T*1	
	USB	USB2.0*1 USB3.0*1	
	HDMI	Yes	
	RTC	Yes	
	WiFi	2.4GHz,802.11a/b/g/n/ac	
	WiFi antenna	Yes	
	Maximum resolution	1K(1920 x 1080)	4K(3840 x 2160)
	Video decoding	Up to 4K/2K@30fps for H.264	
Power	Power supply	5V Type-c	
	Power consumption	10W@5VDC	10W@5VDC
Environment	Cooling method	Natural air circulation	
	Storage temperature	-20°C ~ 70 °C	
	Operating temperature	-10°C ~ 60 °C	
	Relative humidity	10% ~ 90%RH (non-condensing)	
	Vibration resistance	10 - 25Hz (X,Y,Z direction, 2G/30 minutes)	
	Impact resistance	15G, continuing for 11ms, 6 times in each X, Y or Z direction	
Structure	Material	ABS+PC	Aluminum enclosure
	Dimensions	112x112x30mm	134x125x49mm
	Weight	0.6kg	0.95kg
	Installation	Laying or wall mounting	Laying

Dimension



TVBOX4 Pro



TVBOX4



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Haiwell APP

Haiwell Wechat

The parameters of product are subject to changes without prior notice. (Ver I - 202609)