Haiwell 海为®

Haiwell Cloud

MQTT

Large Screen Wide View Narrow Bezel
Thin Fuselage Delicate Appearance

15.6"
IoT Cloud HMI

3in1＝HMI+IoT Gateway+DTU

HD High resolution
High penetration

Local video

Piano por-
celain black

Quad-core high-
performance processor

Voice function

Aluminum
lloy casing

Model List

Model	TFT Screen	Storage	LAN+COM	USB	Local Video	Voice	WIFI	Wireless	Hole Size	Dimension W*H*D
D15		4G + 1G	1+3	2	Yes	Yes				
D15-G		4G + 1G	1+3	2	Yes	Yes		China 4G		
D15-W	15.6" 1920x1080	4G + 1G	1+3	2	Yes	Yes	Yes		383x245mm	394x256x41mm Aluminum alloy casing
D15-GW		4G + 1G	1+3	2	Yes	Yes	Yes	China 4G		
D15-E		4G + 1G	1+3	2	Yes	Yes		Global 4G		
D15-EW		4G + 1G	1+3	2	Yes	Yes	Yes	Global 4G		

Features

Supports local video monitoring

HMI can connect the camera that supports RTSP protocol transmission or cloud video channel through Ethernet to display the camera video smoothly on the screen. It can also carry out local or remote monitoring through Haiwell cloud APP or wechat small program.

Support for video playing

HMI built-in quad-core high-performance processor, can play video files in the USB flash drive. Supported MP4 video format, equipped with IPS hard screen technology, so that the video picture is more delicate and much smoother, color is more real.

Remote Data Interaction

Data interaction is the key to breaking down information silos. Haiwell Cloud of Things(HMI) can help realize seamless data transmission between remote devices and flexibly realize data sharing and interaction. For a huge production or management system, real-time and effective remote data interaction is the first condition to truly realize the global optimization of production, scheduling and distribution.

Remote Access Monitoring

Anytime and anywhere, users can login and remotely access the HMI through Haiwell APP or Haiwell Cloud website, and remotely monitor the running status of devices in real time. Even if you are in a different place, you can check the production status of the factory at anytime, which is convenient form management. Greatly save the human, material and time cost of running to the site.

Remote data collection

Data gathering is essential before effective data analysis. Through HMI, we can unify the device data from all over the country and even the world for intensive management and utilization, and help enterprises realize "talking with data, making decisions with data and managing with data".

Real-time exception alarm push

When the device alarms, HMI will send alarm information in real-time through the APP or WeChat of Haiwell to realize timely response and processing of abnormal state. Accurate fault location can improve the trouble shooting efficiency.

Docking ERP/MES and other databases

Haiwell IoT Cloud HMI can easily connect to ERP/MES and other database systems,so that the front-line production management data can be synchronized with the enterprise's existing ERP/MES and other databases. Resource sharing can be realized, and comprehensive data reports across modules and systems can be easily completed to further improve the production management capability of enterprises.
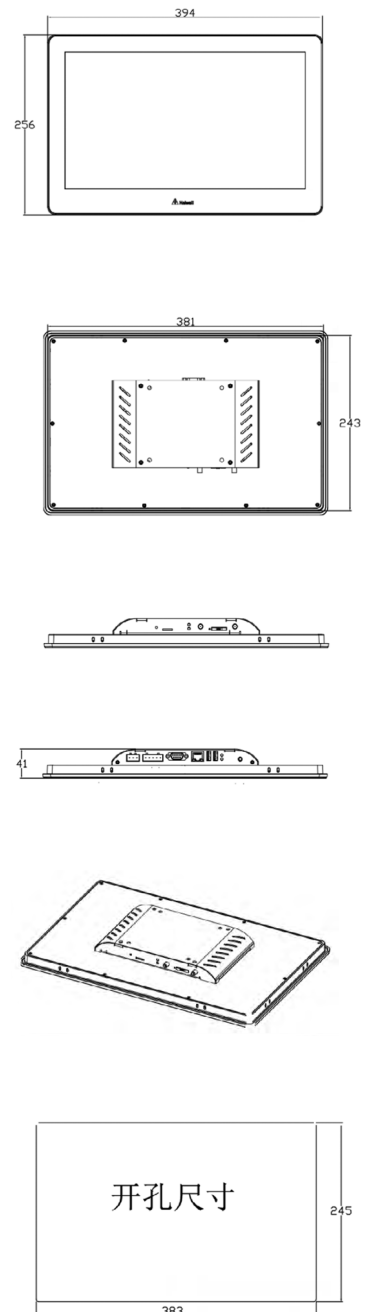
Remote Centralized Control

When multiple devices need to be maintained and managed, managing each device one by one is not only time-consuming and laborious, but also may cause artificial operation and management security risks. Haiwell IoT Cloud HMI multi-devices can support remote centralized management and control, which not only greatly improves the centralized intelligent monitoring ability of the enterprise, but also greatly reduces the operation and maintenance cost of the entire system.

Specification

Specification	Parameter	
Platform	Linux	
Software	Programming software	Haiwell Cloud SCADA
Display	Touch Type	Resistance touch screen
	Display screen	15.6" TFT
	Resolution	1920x1080 pixels
	Color	2.6M
	Brightness(cd/m²)	400Cd/m2
Storage	FLASH	4G
	RAM	1G
Backlight	Backlight Type	LED
	Backlight Life Time	＞30000H
	Automatic Dormancy	Support and Configurable
	4G	Optional
	WIFI	Optional
I/O port	USB HOST	USB2.0×2
	COM port	COM1：RS232/RS485
		COM2：RS485
		COM3：RS232
	Ethernet Port	10/100 Base-T
	Voice	Support
	Print Port	COM Port/USB Print
Power	Input power	24±20%VDC
	Power Consumption	<15W
	Power Protection	Surge protection
	Voltage Resistance	500VAC
	Isolation Resistance	Exceed 50MΩ @500VDC
	Vibration Endurance	10 ~ 25 Hz (X, Y, Z direction 2G/30 minutes)
Enviroment	Cooling Type	Natural air Cooling
	Protection Structure	IP65
	Storage Temperature	-20℃～60℃；
	Operating Temperature	0℃～50℃
	Relative Humidity	10~90%RH（non-condensing）
Structure	Shell material	Aluminum alloy casing,Glass Panel
	Shape size (WxHxD)	394mm×256mm×41mm
	Cutout size(WxH)	383mm×245mm
	Net weight	2.6

Dimension

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CE FC ISO
ISO9001:2015

Haiwell APP   Haiwell Wechat