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	15.6" 1920x1080	4G + 1G	1+3	2	Yes	Yes			383x245mm	394x256x41mm Aluminum alloy casing
D15-G		4G + 1G	1+3	2	Yes	Yes		China 4G		
D15-W		4G + 1G	1+3	2	Yes	Yes	Yes			
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.

Camera
(Support RTSP protocol)

Ethernet

Haiwell cloud APP
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.

HMI built-in quad-core
high-performance processor

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.
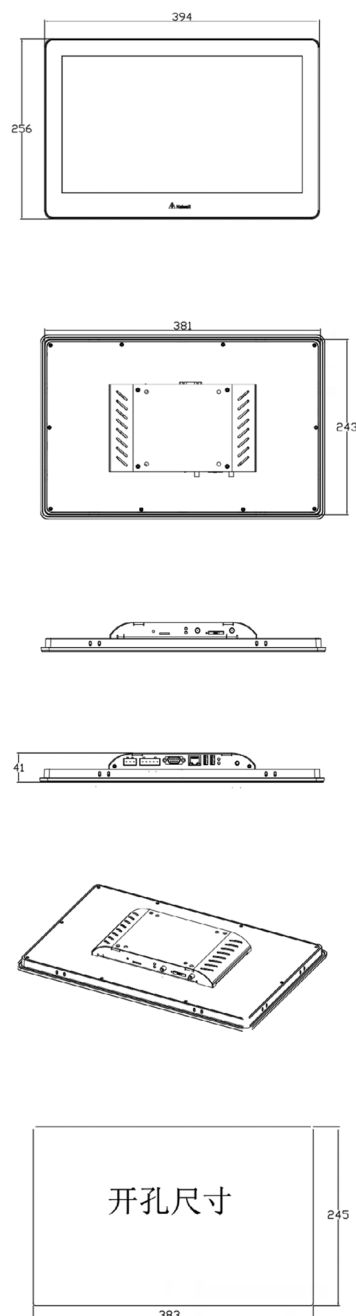
Remote Centralized Control

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	
Software	HMI software	Haiwell Cloud SCADA
Display	Touch panel type	Analog resistive film
	Screen size	15.6" TFT
	Resolution	1920x1080 pixels
	Display color	262k
	Brightness	220 cd/m²
	Contrast ratio	800:1
Storage	FLASH	4GB
	RAM	1G
Backlight	Type	LED
	Life	15,000 hours
	Auto sleep function	Yes
	Wireless network (optional)	4G
	WiFi (optional)	802.11b/g/n
I/O port	USB HOST	USB2.0×2
	Serial port	RS485/RS232
	Ethernet	10/100 Base-T
	RTC	Yes
Power	Rated input voltage	24V DC±20%
	Power consumption	15W@24VDC
	Power protection	Surge protection and anti-reverse protection
	Withstand voltage	500VAC
	Isolation resistance	Exceed 50MΩ @500VDC
	Vibration resistance	10 ~ 25 Hz X, Y, Z direction 2G/30 min
Enviroment	Cooling method	Natural air circulation
	Protection grade	Front: IP65 Rear: IP20
	Storage temperature	-20 ~ 70℃
	Operating temperature	-10 ~ 60℃
	Relative humidity	10~90% RH (non-condensing)
	Operating environmer	Prevention of dust, moisture, corrosion, electric shock and external shock
Structure	Material	Aluminum alloy casing,Glass Panel
	External dimensions	394mm×256mm×41mm
	Panel cut dimensions	383mm×245mm
	Installation	Panel mounting
	Weight	2.6kg

Dimension

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CE FC ISO
ISO9001:2015

Haiwell APP   Haiwell Wechat