



High-definition Full View Double Ethernet Speed Faster Local Video

Piano Black Color Narrow Bezel Design High-end appearance



D Series IoT Cloud HMI

3 in 1 = HMI + IoT Gateway + DTU

Man-machine Interactive Enabling IoT

Model List

| Model | TFT Screen | Storage | LAN+COM | USB | Local Video | Voice | WiFi | Wireless | Hole Size | Dimension W*H*D |
|-------|------------------|-----------|---------|-----|-------------|-------|------|-----------|-----------|-----------------|
| D4 | 4.3" 800*480HD | 4G + 512M | 1+2 | 1 | | Yes | | | 132x80mm | 137x85x30mm |
| D4-G | | 4G + 512M | 1+2 | 1 | | Yes | | China 4G | | |
| D4-W | | 4G + 512M | 1+2 | 1 | | Yes | Yes | | | |
| D4-E | | 4G + 512M | 1+2 | 1 | | Yes | | Global 4G | | |
| D7 | 7" 1024*600HD | 4G + 1G | 2+3 | 2 | Yes | Yes | | | 187x114mm | 194x121x32mm |
| D7-G | | 4G + 1G | 2+3 | 2 | Yes | Yes | | China 4G | | |
| D7-W | | 4G + 1G | 2+3 | 2 | Yes | Yes | Yes | | | |
| D7-E | | 4G + 1G | 2+3 | 2 | Yes | Yes | | Global 4G | | |
| D10 | 10.1" 1280*800HD | 4G + 1G | 2+3 | 2 | Yes | Yes | | | 254x161mm | 261x168x33mm |
| D10-G | | 4G + 1G | 2+3 | 2 | Yes | Yes | | China 4G | | |
| D10-W | | 4G + 1G | 2+3 | 2 | Yes | Yes | Yes | | | |
| D10-E | | 4G + 1G | 2+3 | 2 | Yes | Yes | | Global 4G | | |

Features

- HD screen. Built-in quad-core high-performance processor, smoother operation, faster speed, stronger stability.
- The real color and exquisite with IPS hard screen technology. Integrated design, full-view visual experience, immersive enjoyment.
- Provide exclusive maintain identity for equipment manufacturers, as well as exclusive enterprise platforms. More convenient for equipment vendors.
- Supports remote programming, download, diagnostics, monitoring and debugging of PLC programs
- Supported voice function, access microphone and loudspeaker via USB, Supported text-to-speech, voice broadcasting, intercom function, innovative device cloud voice



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.



Ethernet



Multiple security protection mechanisms

Higher safety level with A/B Key+local confirmation safety mechanism, ensure the safe and stable operation of equipments.



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



Third party IoT Platform

Support access to third-party IoT platforms such as Alibaba Cloud, Amazon, Google, etc.



Support data interconnection and distribution

By the Haiwell data interconnection tool, real-time data/historical data can be stored in databases such as MySQL/SQL Server, and data distribution is supported, help to generate various data reports.



Web API interface

Third-party software and platforms can easily and securely obtain device data and control devices through the built-in Web API function using HTTP protocol, support real-time data push, support PHP, Java, C#, C++ languages. Support Internet and LAN network.



Support Cloud maintenance for equipment manufacturers

Provide exclusive maintain identity for equipment manufacturers, as well as exclusive enterprise platforms. More convenient for equipment vendors.



Support Haiwell Cloud Data Center

No need to build an MQTT server to realize data collection and reporting, and connect to ERP/MES and other systems. Through Haiwell Cloud Data Center function, you can also flexible call of equipment variable data from various places, easy to realize remote centralized control of equipments.

Specification

| Specification | | 4.3" | 7" | 10.1" | |
|--------------------|--------------------------------|------------------------------------------------------------------------------------|---------------------------|----------------|--|
| Software | Programming software | Haiwell Cloud SCADA | | | |
| Display | Display screen | 4" TFT | 7" TFT | 10.1" TFT | |
| | Resolution | 800x480pixels | 1024x600pixels | 1280x800pixels | |
| | Color | 16.7M | | | |
| | Brightness(cd/m ²) | 450Cd/m ² | 350Cd/m ² | | |
| | Touch Type | Resistance touch screen | | | |
| Storage | Flash | 4GB | | | |
| | RAM | 512M | 1GB | | |
| Backlight | Backlight Type | LED | | | |
| | Backlight Life Time | > 30000H | > 30000H | > 30000H | |
| | Automatic Dormancy | Support and Configurable | | | |
| I/O port | 4G | Optional | | | |
| | WIFI | Optional | | | |
| | Ethernet Port | 10/100 Base-T | 10/100 Base-T 1000 Base-T | | |
| | COM port | COM1: RS232 COM2: RS485 | | | |
| | USB HOST | USB2.0 x 1 | USB2.0 x 2 | | |
| | Print Port | COM Port/USB Print | | | |
| Power | Input power | 24±20%VDC | | | |
| | Power Consumption | < 6W | < 8W | < 10W | |
| | Power Protection | Surge protection | | | |
| | Voltage Resistance | 500VAC | | | |
| | Isolation Resistance | Exceed 50MΩ @500VDC | | | |
| | Vibration Endurance | 10~57HZ amplitude 0.075mm, acceleration 1G, X, Y, Z 10 times in triaxial direction | | | |
| Environment | Cooling Type | Natural air Cooling | | | |
| | Protection Structure | IP65 | | | |
| | Storage Temperature | -20 ~ 70°C | | | |
| | Operating Temperature | -10°C ~ 60°C | | | |
| | Relative Humidity | 10 ~ 90%RH (non-condensing) | | | |
| Structure | Shell material | ABS + PC | | | |
| | Shape size (WxHxD) | 137x85x30mm | 194x120x32mm | 261x168x33mm | |
| | Cutout size(WxH) | 132x80mm | 187x114mm | 254x161mm | |
| | Net weight | 0.3kg | 0.8kg | 1.3kg | |



海纳百川
诚信有为

XIAMEN HAIWELL TECHNOLOGY CO., LTD.

Headquarters: 13-14/F, C03 Building, Phase III Software Park,
Jimei District, Xiamen, Fujian, China
Factory: 7th F, Torch Hi-tech Building, No.3699 Xiangan North
Road, Xiamen, Fujian, China. 361101
Tel: +86-592-2230312 Hotline: +86-4000-360-362
Email: service@haiwell.com
Website: www.haiwell.com



The parameters of product are subject to changes without prior notice. (Ver I - 202209)



Haiwell APP



Haiwell Wechat