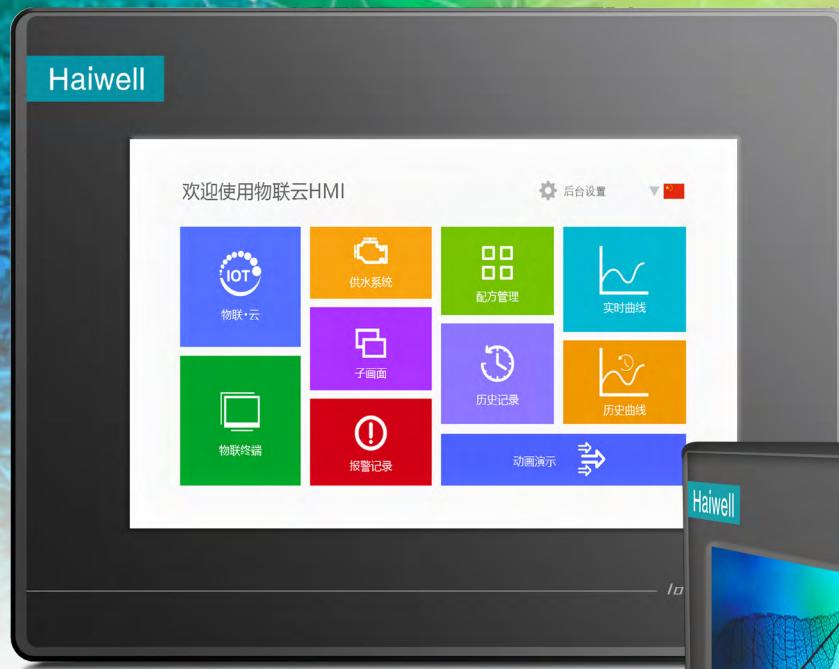




Industrial IoT  
Easy Global Networking



## B Series HMI

Industrial IoT Cloud HMI

3 in 1 = HMI + IoT Gateway+ DTU

Full fit screen design Cost effective

New hardware New design

7" / 10.1"  
16.7M TFT True Color



Haiwell APP

Meets diversified needs  
IIoT Human Machine Interface

## Model List

| Model  | TFT Screen     | Storage    | LAN | USB | COM | Voice | WiFi | Wireless  | Hole Size | Dimension W*H*D |
|--------|----------------|------------|-----|-----|-----|-------|------|-----------|-----------|-----------------|
| B7H    | 7" 1024*600 HD | 4GB + 512M | 1   | 2   | 2   | Yes   |      |           | 193×138mm | 200×146×37mm    |
| B7H-G  | 7" 1024*600 HD | 4GB + 512M | 1   | 2   | 2   | Yes   |      | China 4G  |           |                 |
| B7H-W  | 7" 1024*600 HD | 4GB + 512M | 1   | 2   | 2   | Yes   | Yes  |           |           |                 |
| B7H-E  | 7" 1024*600 HD | 4GB + 512M | 1   | 2   | 2   | Yes   |      | Global 4G |           |                 |
| B10S   | 10.1" 1024*600 | 4GB + 512M | 1   | 2   | 2   | Yes   |      |           | 260×202mm | 270×212×35mm    |
| B10S-G | 10.1" 1024*600 | 4GB + 512M | 1   | 2   | 2   | Yes   |      | China 4G  |           |                 |
| B10S-W | 10.1" 1024*600 | 4GB + 512M | 1   | 2   | 2   | Yes   | Yes  |           |           |                 |
| B10S-E | 10.1" 1024*600 | 4GB + 512M | 1   | 2   | 2   | Yes   |      | Global 4G |           |                 |

## Products Features

- Full fit screen design, brighter color, wider view, much brighter brightness and more clear dissolution.
- Adopt new generation hardware, the anti-interference is more stable, Integrated IoT gateway+DTU+HMI all in one.
- Supported voice function, access microphone and loudspeaker via USB, Supported text-to-speech, voice broadcasting, intercom function, innovative device cloud voice.
- Support MQTT protocol. Can be connected to database server/ERP/MES etc.
- Supports remote programming, download, firmware upgrade, debugging etc.
- Management by Haiwell Cloud SCADA .



### 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.



### Configuration Screen Integration

Haiwell has innovatively opened the integration function of the device configuration screen to third parties. Through a safe and easy-to-use interface, the device screen can be integrated into a variety of personalized scenarios such as third-party software, websites, APPs, and applets. Let third-party applications immediately have the remote control capabilities of the device.



### Multiple security protection mechanisms

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



### Integrated Cloud access & alarm notification

Remote devices can be accessed through Haiwell Cloud APP and website. Supports real-time abnormal alarm notification.



### 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 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.



Supported text-to-speech, automatically broadcast alarm information of Chinese and English



Supported to broadcast fast batch voice notification through the device



Supported the intercom function, easily communicate by devices in groups



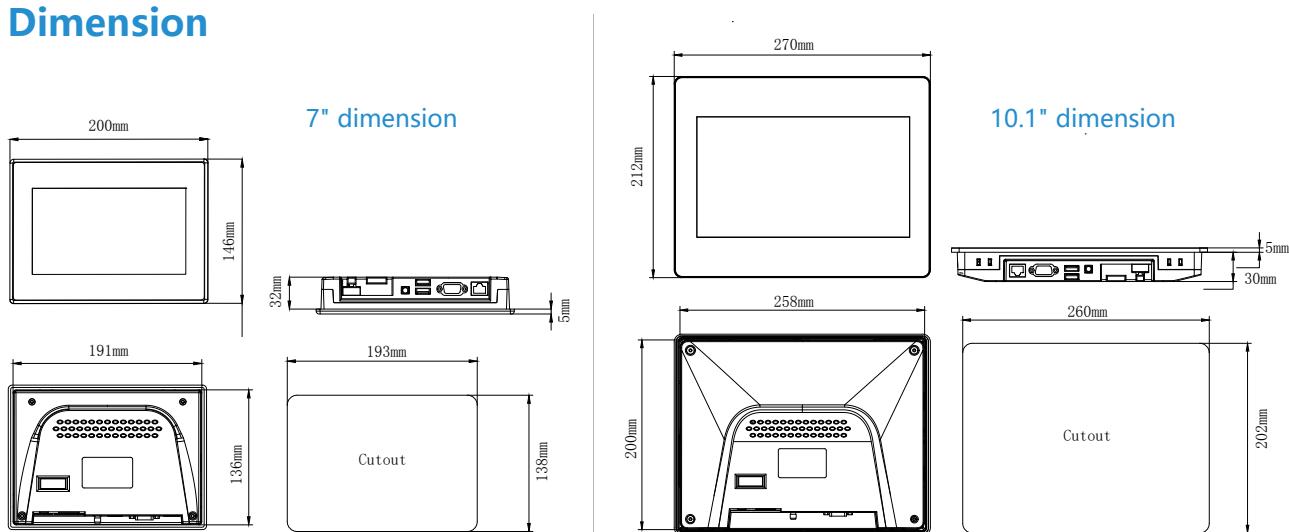
The innovative device cloud voice, support mobile phone remotely intercom and broadcast



## Products Specification

| Specification |                                | 7"   | 10.1"  |
|---------------|--------------------------------|--|--|
| Software      | Programming software           | Haiwell Cloud SCADA                          | Haiwell Cloud SCADA                          |
| Display       | Display screen                 | 7 " TFT                                      | 10.1 " TFT                                   |
|               | Resolution                     | 1024x600pixels                               | 1024x600pixels                               |
|               | Color                          | 16M  | 16M  |
|               | Brightness(cd/m <sup>2</sup> ) | 350  | 350  |
| Storage       | Touch Type                     | Resistive Type                               | Resistive Type                               |
|               | Flash                          | 4GB  | 4GB  |
|               | RAM                            | 512M   | 512M   |
| Backlight     | Backlight Type                 | LED  | LED  |
|               | Backlight Life Time            | > 30000H                                     | > 30000H                                     |
|               | Automatic Dormancy             | Support and Configurable                     | Support and Configurable                     |
| I/O port      | WIFI                           | Optional                                     | Optional                                     |
|               | 4G                             | Optional                                     | Optional                                     |
|               | COM port                       | 2 (232/485)                                  | 2 (232/485)                                  |
|               | Ethernet Port                  | 10/100 Base-T                                | 10/100 Base-T                                |
|               | USB HOST                       | USB2.0 x 2                                   | USB2.0 x 2                                   |
|               | Print Port                     | COM Port/USB Print                           | COM Port/USB Print                           |
| Power         | Input power                    | 24±20%VDC                                    | 24±20%VDC                                    |
|               | Power Consumption              | 7W   | 10W  |
|               | Voltage Resistance             | 500VAC                                       | 500VAC                                       |
|               | Isolation Resistance           | Exceed 50MΩ @500VDC                          | Exceed 50MΩ @500VDC                          |
|               | Vibration Endurance            | 10 ~ 25 Hz (X, Y, Z direction 2G/30 minutes) | 10 ~ 25 Hz (X, Y, Z direction 2G/30 minutes) |
| Enviroment    | Cooling Type                   | Natural air Cooling                          | Natural air Cooling                          |
|               | Protection Structure           | IP65   | IP65   |
|               | Storage Temperature            | -20 ~ 70°C                                   | -20 ~ 70°C                                   |
|               | Operating Temperature          | -10°C ~ 60°C                                 | -10°C ~ 60°C                                 |
|               | Relative Humidity              | 10 ~ 90%RH (non-condensing)                  | 10 ~ 90%RH (non-condensing)                  |
| Structure     | Shell material                 | ABS + PC                                     | ABS + PC                                     |
|               | Shape size (WxHxD)             | 200x146x37mm                                 | 270x212x35mm                                 |
|               | Cutout size(WxH)               | 193x138mm                                    | 260x202mm                                    |
|               | Net weight                     | 0.8kg  | 1.3kg  |

## Dimension





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



Haiwell APP



Haiwell Wechat

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