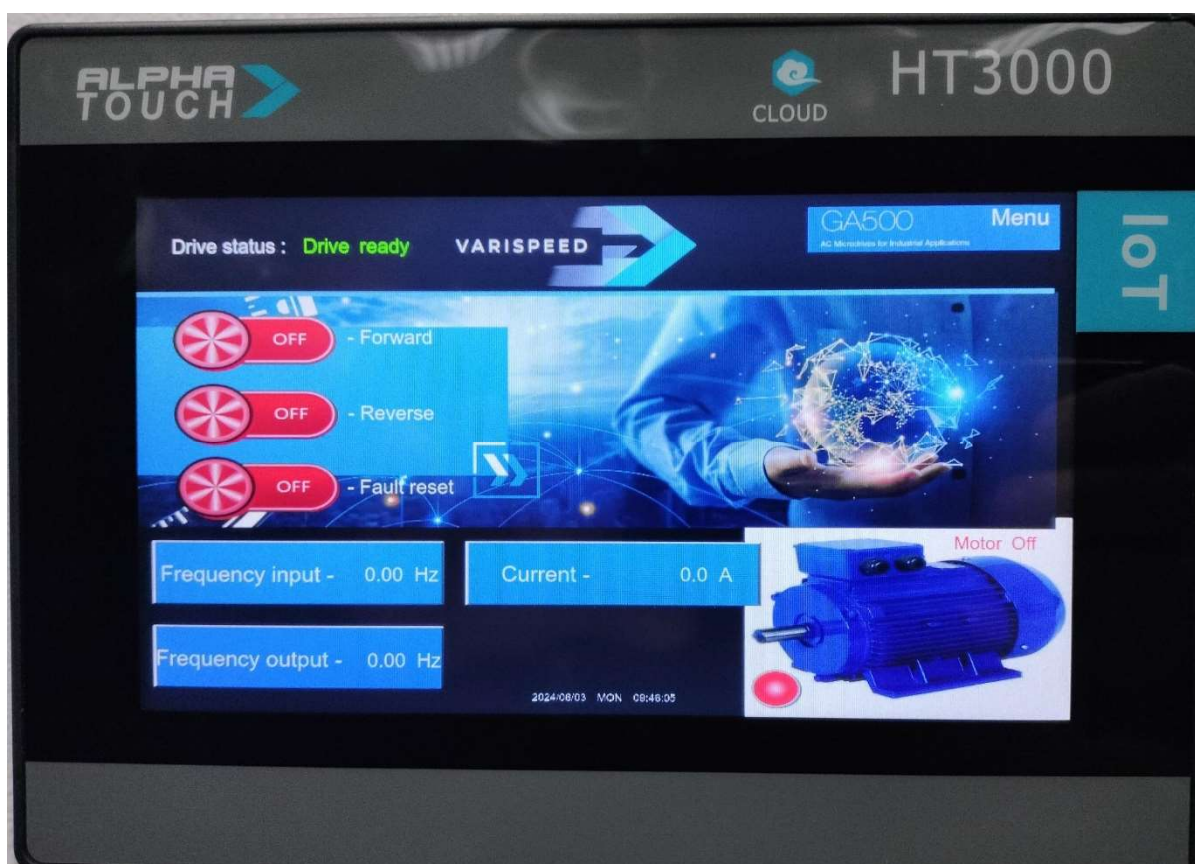




## Alpha Touch HMI



## HT3000-B Series IoT Cloud HMI Catalog



## Model List

| Model       | TFT Screen    | Storage  | Lan | USC | COM | Voice | Wifi | Wireless  | Hole Size | Dimension W*H*D |
|-------------|---------------|----------|-----|-----|-----|-------|------|-----------|-----------|-----------------|
| HT3000-B7H  | 7"1024*600HD  | 4GB+512M | 1   | 2   | 2   | Yes   |      |           | 193x138mm | 200x 146x 37mm  |
| HT3000-B7HW | 7"1024*600HD  | 4GB+512M | 1   | 2   | 2   | Yes   | Yes  |           |           |                 |
| HT3000-B7HE | 7"1024*600HD  | 4GB+512M | 1   | 2   | 2   | Yes   |      | Global 4G |           |                 |
| HT3000-B10  | 10.1"1024*600 | 4GB+512M | 1   | 2   | 2   | Yes   |      |           | 260x202mm | 270x 212x 35mm  |
| HT3000-B10W | 10.1"1024*600 | 4GB+512M | 1   | 2   | 2   | Yes   | Yes  |           |           |                 |
| HT3000-B10  | 10.1"1024*600 | 4GB+512M | 1   | 2   | 2   | Yes   |      | Global 4G |           |                 |

## Product Features

- Full fit screen design, brighter colors, wider view, clear resolution.
- New generation hardware, anti-interference, 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.
- Supports MQTT protocol. Can be connected to database server/ ERP/ MES, etc.
- Supports remote programming, download, firmware upgrade, debugging, etc.
- Management by HT Cloud Designer.

### Web API Interface

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

### Configuration Screen Integration

Innovatively opened the integration function of the device configuration screen to third parties through a safe & easy to use interface. The device screen can integrated into a variety of personalized scenarios such as third- party software, websites, APPs. Allows third- party applications immediate control of the device.

### Multiple Security Protection Mechanisms

Higher safety level with A/B Key + local confirmation safety mechanism to ensure safe & stable operation of equipment

### Supports Cloud Maintenance for Equipment Manufacturers

Exclusive identity for equipment manufacturers as well as exclusive enterprise platforms. Convenient for equipment vendors.

### Integrated Cloud Access & Alarm Notification

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

### Supports Data Interconnection & Distribution

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



Supported text-to-speech, automatically broadcast alarm information.



Supported broadcast fast batch voice notification through the device.



Supported intercom function, easily communicate by devices & groups.



The innovative device cloud voice, supports mobile phone remotely intercom & broadcast.



## Product Specifications

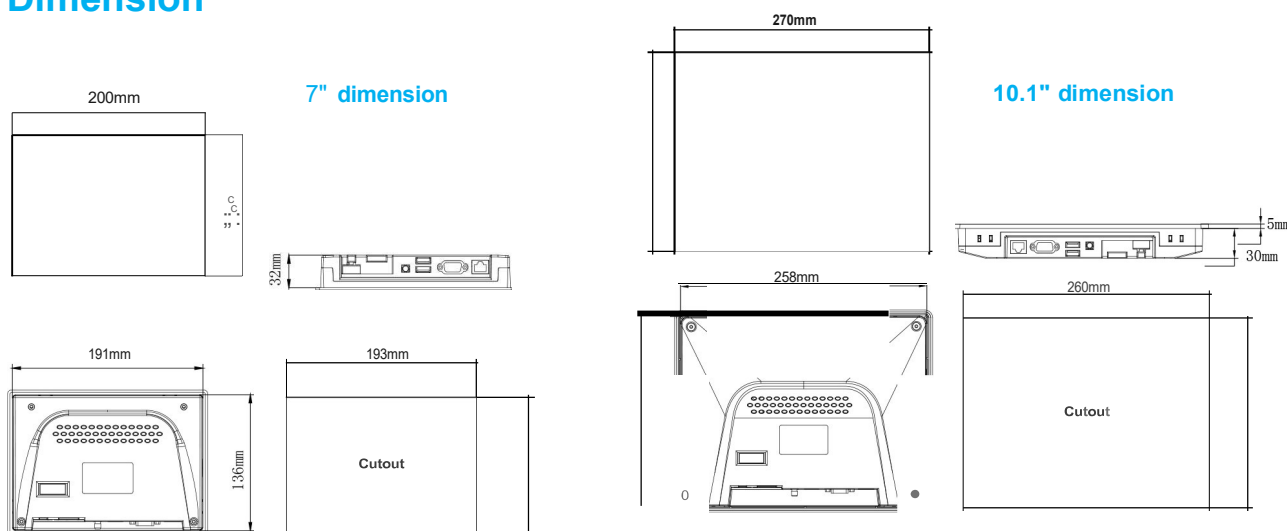
| Specification |                      | 7"                                    | 10"                                   |
|---------------|----------------------|---------------------------------------|---------------------------------------|
| Software      | Programming Software | HT Cloud Designer                     |                                       |
| Display       | Display Screen       | 7" TFT                                | 10" TFT                               |
|               | Resolution           | 1024x600 pixels                       | 1024x600 pixels                       |
|               | Color                | 16M                                   | 16M                                   |
|               | Brightness (cd/m²)   | 350                                   | 350                                   |
|               | Touch Type           | Resistive Type                        | Resistive Type                        |
| Storage       | Flash                | 4GB                                   | 4GB                                   |
|               | RAM                  | 512M                                  | 512M                                  |
| Backlight     | Backlight Type       | LED                                   | LED                                   |
|               | Backlight Lifetime   | 30 000 Hours                          | 30 000 Hours                          |
|               | Automatic Dormancy   | Support & Configurable                | Support & 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             | USB 2.0 x 2                           | USB 2.0 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  | 10~25Hz (X, Y, Z axis 2G/ 30 Minutes) | 10~25Hz (X, Y, Z axis 2G/ 30 Minutes) |



## Product Specifications continued

|             |                        |                            |                            |
|-------------|------------------------|----------------------------|----------------------------|
| Environment | Cooling Type           | Natural Air Cooling        | Natural Air Cooling        |
|             | Protection Structure   | IP65                       | IP65                       |
|             | Storage Temperature    | -20~+70°C                  | -20~+70°C                  |
|             | Operating Temperature  | -10~+60°C                  | -10~+60°C                  |
|             | Relative Humidity      | 10~90% RH (Non-Condensing) | 10~90% RH (Non-Condensing) |
| Structure   | Shell Material         | ABS + PC                   | ABS + PC                   |
|             | Shape size (W x H x D) | 200 x 146 x 38mm           | 270 x 212 x 35mm           |
|             | Cutout size (W x H)    | 193 x 138mm                | 260 x 202mm                |
|             | Net Weight             | 0.8kg                      | 1.3kg                      |

## Dimension



Thanks for choosing HNC product  
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more information or a demonstration.

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