# HT3000-D15 Series
# IoT Cloud HMI Catalog

# Model List

| Model | TFT Screen | Storage | LAN+COM | USB | Local Video | Voice | WIFI | Wireless | Hole Size | Dimension W*H*D |
|---|---|---|---|---|---|---|---|---|---|---|
| HT3000-D15 | 15.6" 1920x1080 | 4G + 1G | 1+3 | 2 | Yes | Yes | | | 383x245mm | 394x256x41mm Aluminum alloy casing |
| HT3000-D15W | | 4G + 1G | 1+3 | 2 | Yes | Yes | Yes | | | |
| HT3000-D15E | | 4G + 1G | 1+3 | 2 | Yes | Yes | | Global 4G | | |
| HT3000-D15EW | | 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 IoTBus cloud APP.



Camera
(Support RTSP protocol)    Ethernet    Io TBus Cloud App

## 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.HNC IIoT 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 IoTBus APP or IoTBus 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 IoTBus to realize timely response and processing of abnormal state. Acctrate fault location can improve the trouble shooting efficiency.

## Docking ERP/MES and other databases

IoTBus 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.
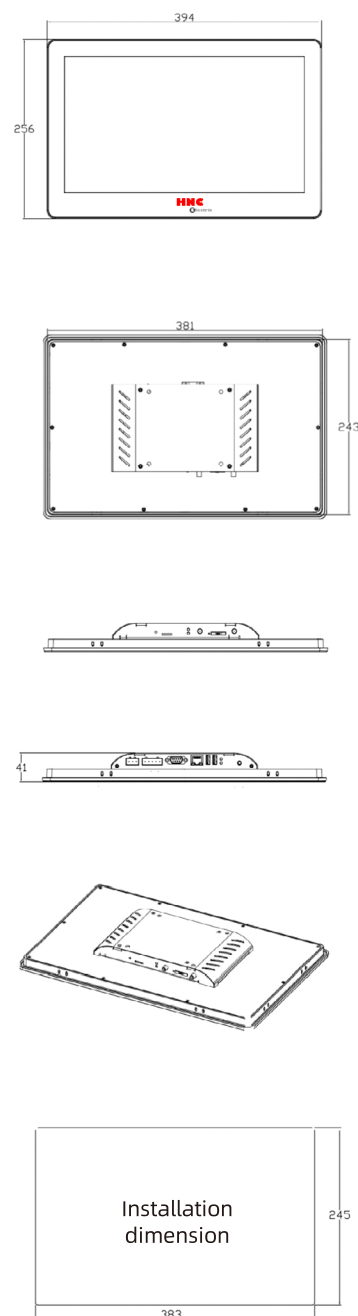
## Remote Centralized Control

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. IoTBus 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

# ■ Dimension

| Specification | Parameter | |
|---|---|---|
| Platform | Linux | |
| Software | Programming software | HTCloud Desiger |
| 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 |

Installation dimension

**HNC** Electric

**Thanks for choosing HNC product**
**Any technique support,please feel to contact our support team**

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