



HT3000-D15

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.



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.



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 for 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. Accurate 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.



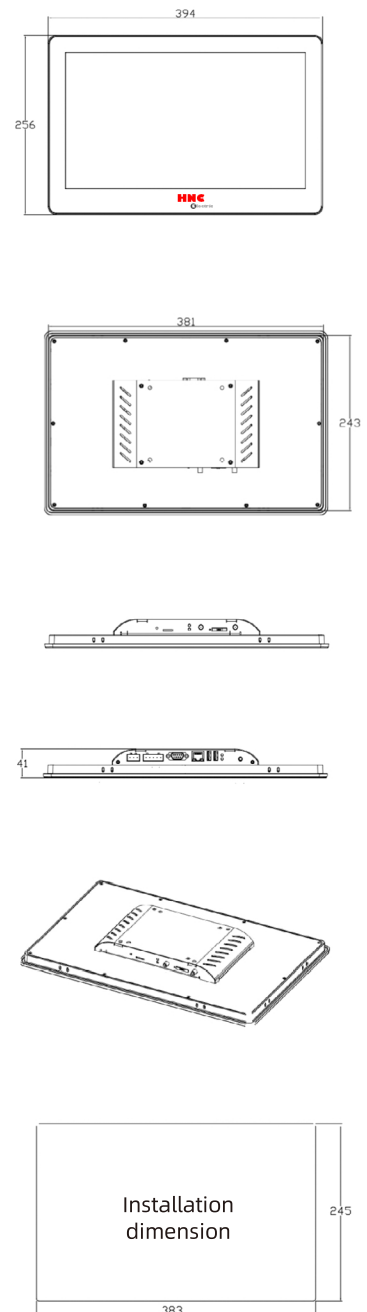
Remote Centralized Control

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

Specification	Parameter		
Platform	Linux		
Software	Programming software	HTCloud Designer	
Display	Touch Type	Resistance touch screen	
	Display screen	15.6" TFT	
	Resolution	1920x1080 pixels	
	Color	2.6M	
	Brightness(cd/m ²)	400Cd/m ²	
Storage	FLASH	4G	
	RAM	1G	
Backlight	Backlight Type	LED	
	Backlight Life Time	> 30000H	
	Automatic Dormancy	Support and Configurable	
I/O port	4G	Optional	
	WIFI	Optional	
	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)	
Environment	Cooling Type	Natural air Cooling	
	Protection Structure	IP65	
	Storage Temperature	-20°C ~60°C;	
	Operating Temperature	0°C ~50°C	
Structure	Relative Humidity	10~90%RH (non-condensing)	
	Shell material	Aluminum alloy casing,Glass Panel	
	Shape size (WxHxD)	394mm×256mm×41mm	
	Cutout size(WxH)	383mm×245mm	
	Net weight	2.6	

Dimension





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

URL: www.hncelectric.com
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