麒麟方图
KiRin FionTu

Intelligent central control host

T2-DH8-B

Product introduction

This intelligent control gateway is designed for use in command and control centers, office automation, multimedia environments, smart homes, and other fields. It is a fully networked, intelligent centralized control system that unifies programmable configuration protocols and programmable human-machine interfaces. It is an essential equipment for modern command and control centers and is widely used in emergency alarm command centers, military combat command systems C4ISR, government administrative centers at all levels, building automation, conference rooms, multi-function halls, training centers, exhibition centers, studios, industrial automation, and other fields

Product Features

1. It supports both local and cloud platform online programming, without installing software, and can be accessed directly through the Chrome browser Gateway IP address or cloud platform
2. Support remote online debugging, remote online diagnosis, and remote online programming, which greatly saves manpower travel costs. Professionals can choose to complete programming online
3. Artificial intelligence neural network graph control algorithm, support arbitrary complexity control operation graph weaving, realize free design, autonomous will, and closed-loop control
4. Neural network diagram control operation mode, master the global operation status, support controlled device encapsulation, and effectively view the real-time operation status of each controlled device
5. Control module grouping is macro inheritance sharing, supports user-built function modules, and can be written in the most popular network scripting language JavaScript
6. Support Sharing resources on the cloud platform, whether self-built modules, macro module grouping, or user graphic component group, can be shared on the cloud platform and form a sharing community
7. Support three sets of independent user control interfaces at the same time, support multi-user, cross-platform, distributed control, suitable for multi-user cluster control scenarios
8. Support multiple network control protocols. In addition to standard TCP, Udp, Telnet, Http protocols, other general or private network protocols can also be added
9. Support any Linux+ platform, free migration, and can freely migrate the running package and integrate it with the third-party product platform for different application requirements
10. This product adheres to the concept of solidity and reliability and is suitable for various high-reliability occasions: combat command center, government conference cluster, special application vehicles, etc

Specifications

CPU (main)	i.MX ARM Cortex-A7 528MHz	Operating system	Linux 4.1.15 kernel
Memory	512M DDR3 RAM	Flash	4096M EMMC
LED	3xLED system status indicator	I/O	8x digital I/O input
USB	1xUSB interface	RST	1xRST system reset button
Power supply	24VDC 1A	Installation method	standard 19-inch cabinet or flat installation
Working environment temperature	5℃ to 45℃	Working environment relative humidity	10% to 90%
Dimensions and weight	Height: 45mm (excluding foot pads) Width: 430mm (excluding standard cabinet installation ears) Depth: 192mm (excluding terminal strips)		
Weight	about 3.2kg (excluding packaging and accessories)		
INFRARED-SERIAL	8 - infrared or unidirectional RS-232 serial communication port		
COM (A, B, C, D)	4 - DB9 bidirectional RS-232 serial communication port		
COM (E, F, G, H)	4 - 7PIN bidirectional RS-232/422/485 serial communication port		
LAN	1x RJ45 10M/100M Ethernet interface		
RELAY	8 - isolated low-voltage relay (normally open contact) 30VDC/AC 1A		
RES	1xRES system reserved debugging interface		