

D6403

Programmable Multimedia Central Control Host



Description

D6403 control system is the upgraded version of the first generation of the central control system. Based on our rich experience on product application, we integrated the edges of other companies to one multimedia central control system with powerful program capability and communication and control capabilities. It is added slot for function expansion so that its application is more flexible and function upgrade is more powerful.

It is equipped with a 32-bit embedded processor with frequency of 533MHz, built-in 8M memory and 16M memory FLASH. It can compute complex logic instructions with high-speed; it provides programmable configuration mode and users can customize the system based on their needs. It applies highly integrated co-processor chip to provide support for the central processing unit so that a variety of complex operations and control can run smoothly.

Its communication and control is more handy and system is more extendable by learning from the X10 mature power carrier communication program in the United States and introducing power carrier communication integration exclusively.

Features

- Applies the latest 32-bit embedded processor with speed up to 533MHz;
- Built-in 8MB memory and 16MB of large-capacity FLASH memory in the host;
- 8 independent programmable RS-232 control interface, can send and receive RS232, RS485, RS422 format data;
- 8 independent programmable IR infrared transmitted, infrared transmitter can be used for serial port; the total number of programmable port reaches 16;
- 8-channel digital I / O input and output control port with protection circuit;
- 8 weak relay control interfaces;
- Full support for remote network control with built-in network interface, expansion card is not needed;

- With 3 NET network control interface, you can connect up to 256 network devices;
- Users can set up any control protocol or control code ;
- The front panel and the rear panel have system software transmission interfaces;
- With system hardware reset function for the front panel;
- Embedded intelligent infrared learning function module, no need to configure professional learning device;
- Support dual-code control which is a key to send two kinds of code;
- Support hardware learning infrared function; users can easily replace the infrared equipment with no need to program again;
- Can download a variety of commonly used electrical equipment and infrared code library from the Internet;
- With two expansion slots, the application is more flexible and upgrade function is more powerful;
- Applies internationally popular SMT all-chip production process.

Specifications

Model	D6403
CPU	32 bit ARM microprocessor
Processor	210MIPS, up to 533MIPS
Standard memory	8M SDRAM, 16M Flash
Expanded memory	Can be expanded to 32M
Package	Metal chassis, support standard 19-inch rack mount, 1.5U height
Size	485 X 236X 90 (mm) (L xW xH)
Power supply	Universal power supply with wide voltage (110V)
Weight	3.2kg
Software	Control System Builder with Chinese and English interface