

Introduction

IAV8 is a half-U central control host, it can be used for the command control center, office and building automation, multimedia environment and home automation centralized devices control, It combined programmable logic and protocol with programmable user interface together, provide full network and intelligent central control technology. It is essential equipment for command center and Audio-Visual Solution; it is widely used for administration center, building control, meeting room, training center, exhibition center, industry and home automation.



Features

- ✚ Programmable without installing software
- ✚ Remote debugging
- ✚ Neural networks mode to inspect the real time operation
- ✚ Sharing resources on cloud platform
- ✚ Supports various network control protocols(TCP/UDP/Telnet/Http/Https)
- ✚ Supports arbitrary Linux+ platform

*Picture for illustration purpose only



Specifications:

| | |
|--|---|
| CPU | ARM Cortex-A7 528MHz |
| Operating system | Linux 4.1.15 kernel |
| Memory | 2G DDR3 RAM |
| Flash | 8G Nand Flash |
| RS232/422/485 | 3 x 7pin phoenix connector |
| RELAY | 8 - isolated low voltage relay (normally open) 30VDC/AC 1A |
| I/O | 4- Digital I/O input |
| INFRARED-SERIAL | 4- infrared or one-way RS-232 serial port |
| LAN | 1- RJ45 10M/100M Ethernet interface |
| RST | 1- RST system reset button |
| LED | 3 – LED system status indicator |
| Power Supply | 24VDC 1A |
| Working environment temperature | 0° ~50° C |
| Relative humidity of working environment | 10% to 90% |
| Size | 198*192*45 (mm) |

*Picture for illustration purpose only



Introduction

IAV10 is a 10-button keypad controller aimed at providing customers simple and economic control solutions. With built-in PoE, it can receive power from PoE enabled ethernet switch. The keypad can control devices like presentation switches through LAN(PoE) port or RS232 port. It supports button configuration and control, also system firmware update on web UI.

Features

- WEB GUI programming
- Ten-button
- Supports TCP/IP and RS232
- Supports PoE function
- Config files to restore

Specification

| Technical | |
|-----------------------|---|
| Front panel | 10 x Buttons(silicone soft buttons) |
| Back panel | 1 x LAN (RJ45, PoE), 1 x RS232; 1 x DC 12V Power In |
| Operating Temperature | 0°C to 45°C (32°F to 113°F) |
| Storage Temperature | -20°C to 70°C (-4°F to 158°F) |
| Humidity | 10% to 90%, non-condensing |
| ESD Protection | Human-body Model, ±8kV (Air-gap discharge)/±4kV (Contact discharge) |
| Power Supply | DC 12V 0.5A (Power adapter is not included in the package) |
| Consumption (Max) | 1.3W |
| US Size Dimension | 45mm x 105.6mm x 36mm/ 1.77" x 4.16" x 1.42" |
| Product Weight | 0.18kg/0.40lb |

Connection diagram

