

CTL-ADV-PRO

Universal Central Control System

FEATURE:

- With 8 two-way serial ports to connect matrixes, projectors or other A/V devices
- With 8 IR outputs/one-way serial ports to connect DVD, TV sets, or other home appliances
- With 8 relay ports to control lights, doors or curtains
- With 8 digital inputs to receive sensor signals
- Capable of connecting with Ethernet-control devices for Ethernet monitoring and control
- IR learning
- Provide a superb-performance Web server, supporting on-line firmware upgrade
- Compliant with standard network communication protocols
- Password protection against unauthorized accesses
- Built-in sync clocks
- Standard 1U rack mounting
- 220V AC power supply
- Support factory reset



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The Integrated Controller is designed to be utilized in the sectors of commanding center, automated office system, multi-media room and smart home. With a programmable interactive user interface over configuration protocols, the integrated system provides intelligent networking service, ideal for the establishment of modern commanding and control center. The Controller features 8 two-way serial ports, 8 IR outputs, 8 Relay ports, 8 digital I/O ports and 1 Gigabit Ethernet port, suitable for large-scale application systems to control multiply devices. The Controller is used in a diverse range of installations and applications across industries including emergency alarming centers, C4ISR solutions, governmental administration centers, smart buildings, multi-media conference rooms, multi-functional halls, training centers, showroom, broadcasting studios, and industrial automation.



Control

Universal Central Control System



SPECIFICATIONS:

Technical

CPU	ARM Cortex-A53 1.8GHz
Operation System	Android 9
RAM	2 GB DDR4 RAM
Flash Memory	8 GB EMMC Flash
LEDs	1x IR Learning LED
	1x Power LED
	1x LAN LED
	1x Status LED
	8x TX LEDs
	8x RX LEDs
	8x IR/Serial LEDs
	8x Relay LEDs
	8x I/O LEDs

Connections

COM1/2/3/4	4x 9-pin Phoenix Connectors, for two-way RS-232/422/485 serial data communication
COM5/6/7/8	4x 3-pin Phoenix Connectors, for RS-232 serial data communication
IR-SERIAL OUTPUT	2x 8-pin Phoenix Connectors, for IR transmitting or one way RS-232 serial data communication
RELAY OUTPUT	2x 8-pin Phoenix Connectors, low-voltage relays, isolated, normally open, switching up to 30VDC, 2A / 125VAC, 1A
DIGITAL I/O	2x 5-pin Phoenix Connectors, for digital signal inputting
LAN	A standard 10M/100M/1000M Ethernet RJ45 interface
USB	1x USB TYPE A (function reserved)
COMPUTER	1x USB TYPE B
H-NET	1x 4-pin Phoenix Connectors, private bus interface (function reserved)
RESET	1x RESET, for restoring factory default
IR	1x IR learning window

Mechanical

Housing	Metal enclosure with aluminum alloy front panel
Color	Black
Dimensions	440mm (W)×200mm (D)×44mm (H)
Weight	2.1kg
Installation	Standard 19-inch cabinet (with mounting ears) or flat installation
Power Supply	AC110-220V 50/60Hz
Power Consumption (Max)	55W (48W for external power supplies connected via the H-NET port.)
Operation Temperature	32 - 104°F / 0 - 40°C
Relative Humidity	10-90% RH (non-condensing)