

UNIVERSAL CENTRAL CONTROL SYSTEM

CCS801

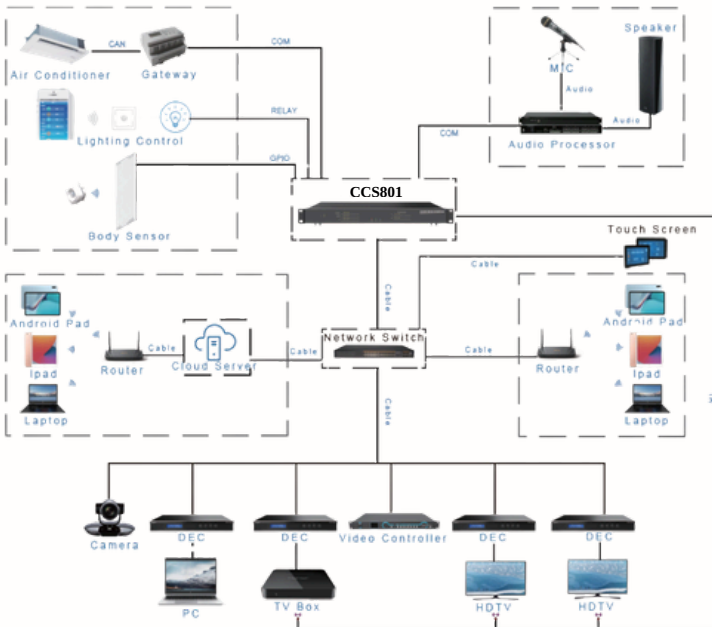


FEATURES

This 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. It 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 multiple devices.

- 8 two-way serial ports to connect matrixes, projectors or other A/V devices
- 8 IR outputs/one-way serial ports to connect DVD, TV sets or other home appliances
- 8 relay ports to control lights, doors or curtains
- 8 digital inputs to receive sensor signals
- Capable of connecting with Ethernet control devices for Ethernet monitoring and control
- IR learning
- Provides a superb performance Web server, supporting online 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

APPLICATION EXAMPLE



SPECIFICATION

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Technical	
CPU	- ARM Cortex-A53 1.8GHz
Operation System	- Android 9
RAM	- 2GB DDR4 RAM
Flash Memory	- 8GB EMMC Flash
LEDs	- 1 x IR Learning LED - 1 x Power LED - 1 x LAN LED - 1 x Status LED - 8 x TX LEDs - 8 x RX LEDs - 8 x IR/Serial LEDs - 8 x Relay LEDs - 8 x I/O LEDs
Connection	
COM1/2/3/4	- 4 x 9pin Phoenix Connectors, for two-way RS-232/422/485 serial data communication
COM5/6/7/8	- 4 x 3pin Phoenix Connectors, for RS-232 serial data communication
IR-Serial Output	- 2 x 8pin Phoenix Connectors, for IR transmitting or one-way RS-232 serial data communication
Relay Output	- 2 x 8pin Phoenix Connectors, low-voltage relays, isolated, normally open, switching up to 30VDC, 2A/125VAC, 1A
Digital I/O	- 2 x 5pin Phoenix Connectors, for digital signal inputting
LAN	- A standard 10M/100M/1000M Ethernet RJ45 interface
USB	- 1 x USB Type A (function reversed)
Computer	- 1 x USB Type B
H-Net	- 1 x 4pin Phoenix Connectors, private bus interface (function reversed)
Reset	- 1 x Reset, for restoring factory default
IR	- 1 x IR learning Window
Power	
Power supply	- AC110 - 220V 50/60Hz
Power Consumption	- 55W (48W for external power supplies connected via the H-NET port)
General	
Physical Dimension (W x D x H)	- 440mm x 200mm x 44mm
Weight	- 2.1kg
Housing	- Metal enclosure with aluminium alloy front panel (Black)
Operating Temperature	- 0 - 40 °C
Relative Humidity	- 10-90% RH (non-condensing)