

SenseLive

E6888

8 Channels DI/DO/AI

Remote IO Controller

SenseLive Technologies

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Remote IO Controller

Product Overview

The E6888 are 8-channel remote I/O controllers. They provide 8 digital inputs supporting dry or wet contacts with opto-isolation, 8 relay-based digital outputs capable of controlling up to 5A at 250VAC or 30VDC, and 8 analog inputs, with the first four channels handling 0–5V voltage signals and the last four supporting 4–20mA current signals at 10-bit accuracy.

Key Features

- **8 Digital Inputs (DI)** – Dry/wet contact, wide voltage range support
- **8 Digital Outputs (DO)** – Relay type, 5A @ 250VAC/30VDC
- **8 Analog Inputs (AI)** – 4×0–5V + 4×4–20mA (customizable to 0–5V, 0–10V, 4–20mA, 0–10kΩ)
- **Channel Indicators** – Independent LEDs for DI/DO status monitoring
- **Demo Software** – IO control & analog acquisition via RS485/TCP/IP
- **Protocol Support** – RS485 commands & Modbus TCP for easy integration
- **Device Management** – Bundled SenseConfig for search, setup & virtual ports



Technical Specifications

Parameter	E6888
Size:	L*W*H =9.2cm×19.7cm×2.5cm
Serial, Port Parameter	RS485 Interface, 1200~115200 (default 9600bps), 8 bits data bit, None parity, 1 stop bit
Software	
Upper protocol:	MODBUS TCP/ MODBUS RTU
Low-level Communication:	Ethernet, RS485, 4G

Relay Transmission Speed (Response Time)	Relay Transmission Speed (Response Time)
E6888 : <30ms	E6888 : <30ms
AI Input Type	AI Input Type
Current signal input: 4~20mA	Current signal input: 4~20mA
Voltage signal input: 0~5V, 0~10V	Voltage signal input: 0~5V, 0~10V
Resistance impedance input: 0~10k or resistor-type temperature humidity sensor, etc.	Resistance impedance input: 0~10k or resistor-type temperature humidity sensor, etc.
Power Consumption (Relay in Non pull-in State)	Power Consumption (Relay in Non pull-in State)
E6888: <12mA@24V	E6888: <12mA@24V
E6888: <92mA @24V	E6888: <92mA @24V

Running temperature:	-40~85°C
Storage temp:	-45~165°C
Humidity :	5~95%RH