

8-Channel Analog Output Module (Modbus)

The **8-Channel Analog Output Module (Modbus)** is a high-performance industrial control device designed to generate precise and stable analog output signals. It enables accurate control of actuators such as valves, drives, and converters using industry-standard voltage and current outputs over Modbus RTU communication.

Key Features

- **8-Channel Analog Outputs:** Provides eight independent output channels for simultaneous control of multiple field devices.
- **0–10V / 4–20mA Output:** Supports standard industrial voltage and current output signals for wide compatibility.
- **16-Bit Resolution:** High-resolution digital-to-analog conversion ensures smooth signal transitions and precise control.
- **Stable Analog Signal:** Designed for low noise, minimal drift, and excellent long-term output stability.
- **Modbus RTU Communication:** RS-485 based Modbus RTU protocol enables reliable and noise-immune communication with PLCs and SCADA systems.

Typical Applications

This module is ideal for process control, automation systems, industrial IoT, motor speed control, valve positioning, and any application requiring accurate and repeatable analog signal output.