

# 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.