

Sentia Remote Device Pro

STRATA-L202

The **STRATA-L202** is a versatile remote control unit designed for environmental monitoring and equipment door control in applications such as data centers and technical rooms. It operates as a subordinate device to the **SENTIA** system's central server, communicating over an Ethernet IP network using the MQTT protocol, with support for TLS encryption to ensure secure data exchange.



The device supports the connection of various sensors and peripherals, including temperature and humidity sensors, a smoke detector, card readers, and sensors for door and lock status monitoring. Configuration is performed through an integrated Wi-Fi access point, which can be accessed using any standard web browser, such as Chrome.

Key Features

- Communication with **SENTIA** server via Ethernet (MQTT protocol)
- TLS support for secure communication
- 12 VDC power supply
- Low power consumption: 60 mA typical
- Supports up to 3 **STRATA-B401** temperature sensors via RJ11
- Dedicated RJ11 input for **STRATA-B402** humidity sensor
- Digital RJ11 input for smoke detector
- Control of two independent doors, including:
 - Monitoring of lock and door status
 - Configurable command outputs: dry contact or voltage output
- Support for two card readers (one per door), compatible with:
 - Wiegand
 - Abatrack
 - Other industry-standard protocols
- Support for IDS/MPL door sensor and card reader
- Integrated Wi-Fi access point for browser-based configuration (e.g., Chrome)
- Operating temperature range: 0 °C to 55 °C
- DIN rail mounting (integrated bracket)

- Compact and rugged enclosure

Technical Specifications

SERVER COMMUNICATION INTERFACE	Ethernet 10/100 Mbps (MQTT)
COMMUNICATION SECURITY	TLS support
POWER SUPPLY	12 VDC
TYPICAL POWER CONSUMPTION	60 mA
TEMPERATURE SENSORS	Up to 3 × STRATA-B401 via RJ11
HUMIDITY SENSOR	1 × STRATA-B402 via RJ11
SMOKE DETECTOR INPUT	1 × Digital input via RJ11
CARD READER INTERFACES	2 × (Wiegand/Abatrack/IDS/MPL)
DOOR MONITORING INPUTS	2 × Digital Inputs (door status)
LOCK MONITORING INPUTS	2 × Digital Inputs (lock status)
DOOR CONTROL OUTPUTS	2 × Outputs (relay or transistor)
CONFIGURATION INTERFACE	Wi-Fi Access Point + Web UI
OPERATING TEMPERATURE RANGE	0 °C to 55 °C
WEIGHT	120g
ENCLOSURE DIMENSIONS	144 mm × 88 mm × 40 mm
INSTALLATION	Surface mount or DIN rail