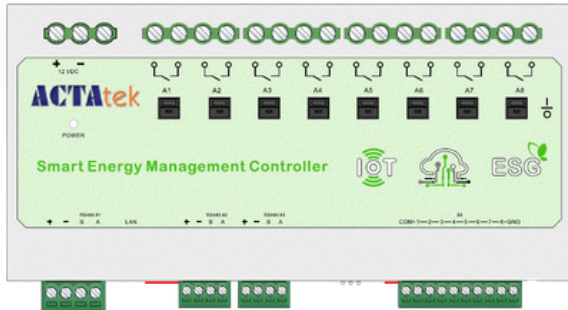


ACTA208 IoT Controller Simplifying Automation



Key Features

- Capable of Switching 0-277VAC 50A Loads
- Robust, Reliable and Durable Industrial Applications
- Edge AI Architecture, Real-time Data Collection & Decision-Making
- Fully functional even when the network fails
- Support x33 RS485/Analog/Digital Sensor Inputs
- Programmable IoT Automation and Scene
- Standard DIN Rail Design for Easy Installation

Intelligent Relay & Scene Control

Trigger relays or scenes based on time, schedules, sensor detection, real-time attendance and occupancy. Automate responses when a sensor or digital input detects an event. Control multiple electric devices simultaneously with a single preset scene.

Power & Interface

- **Digital Inputs x8**
Support Dry Contact and Active Contact.
E.g. Smoke Sensor, Door Sensor, Motion Sensor etc.
- **RS485 Inputs/Outputs x3**
Support 25 RS485 Sensors.
E.g. Temperature / Humidity Sensor, CO2, PM2.5 Sensor etc.
Support Universal IR Transmitter for Remote Control
- **Relay Outs x8 Channel**
Normally Open, Pulse, Time Delay, Programable and Sequential Switching
Max Power Switch Capacity of each Channel
0-35VDC 50A, 0-277VAC 50A (Resistive Load)
- **Network:**
10/100 M RJ45 Port x1

UNLOCKING THE FULL POTENTIAL OF SMART BUILDING APPLICATION



Environmental Monitoring

Advanced sensors detect smoke, CO2 levels, and air quality, providing real-time data on the building's environmental conditions.



Energy Management

- HVAC Control & Optimization
- Electricity Monitoring & Management
- Lighting Management



Occupancy Optimization

The system adjusts environmental settings using real-time occupancy data from ACTAtek devices, ensuring security, safety, health, and energy of both premises and people.

Edge IoT Controller for smart access control and automation system

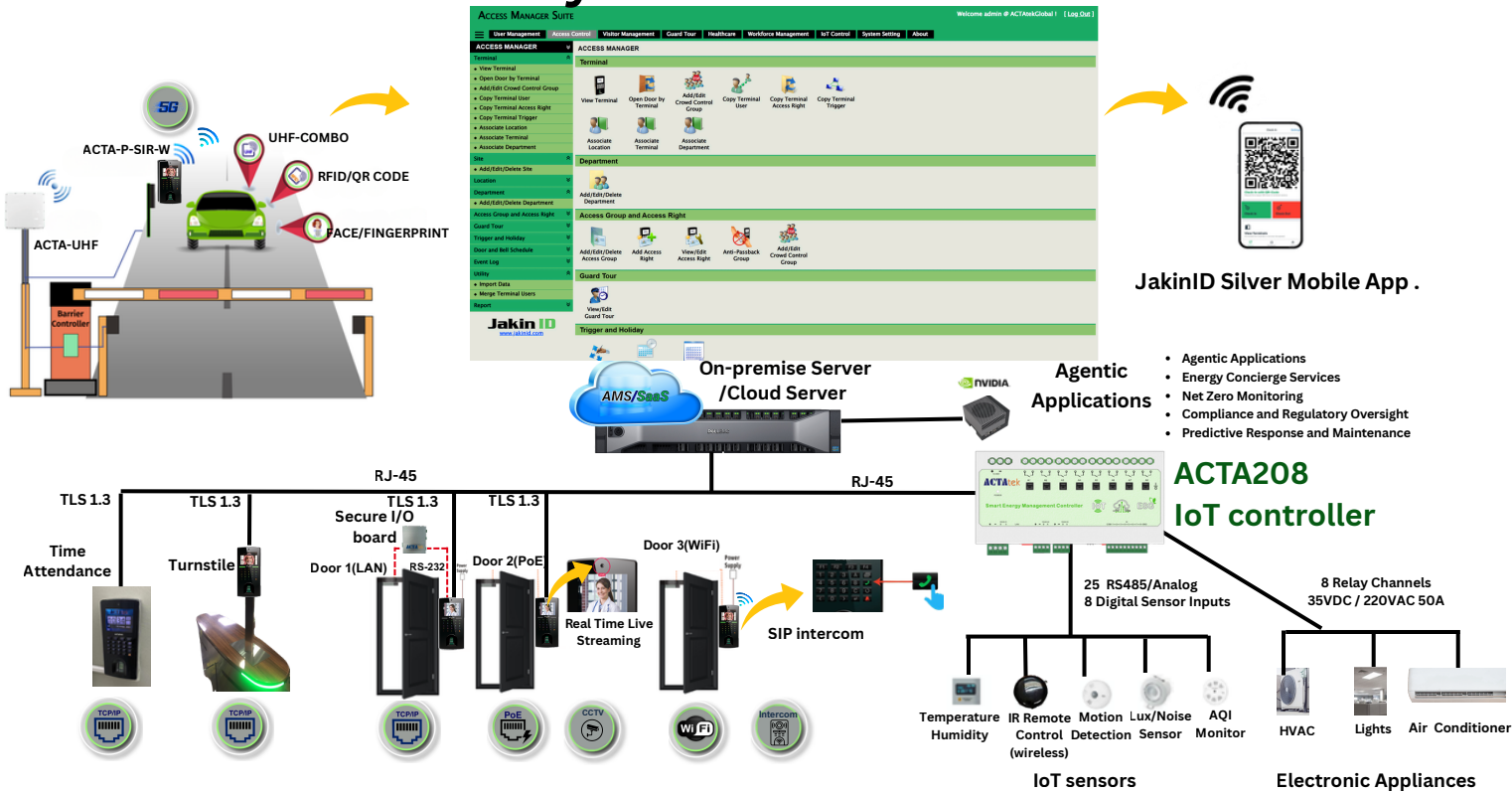


ESG

NET ZERO

2050

System Architecture



Category	Specification
Key Features	<ul style="list-style-type: none"> - 8 Channels, 35VDC / 220VAC 50A - Capable of switching 0-277VAC 50A loads - High robustness for industrial applications - Fully Functional Online or Offline - Programmable IoT automation and scene control - Standard DIN rail design for easy installation
Power Inputs	- 12VDC Inputs x2
Digital Inputs	<ul style="list-style-type: none"> - 8 Inputs, supporting dry and active contacts (0-36V) - Controls multiple circuits based on digital input
Relay Outputs	<ul style="list-style-type: none"> - Normally Open , Pulse On/Off - Time Delay On/Off, Sequential Switching
Max Power Capacity	- 0-35VDC 50A, 0-277VAC 50A (Resistive Load)
Network Interface	- 10/100 Mbps RJ45 Port x1
Automation Features	<ul style="list-style-type: none"> - Triggers relays or scenes based on time of day, schedule and sensor detection - Supports multiple simultaneous scene actions