

Access Control
Payroll
Time Attendance
Workforce Management

ESG Governance & Net Zero 2050

Scalability & Sustainability

Smart Building Solution

ACTatek Unified Platform

Managing People · Security · Environment · Energy



The ACTatek model A4ER-1K-STA-P is a web-based, intelligent edge IoT device designed for hassle-free installation and seamless integration. It offers multi-RFID card credentials and operates without the need for an external controller, simplifying deployment and reducing costs.

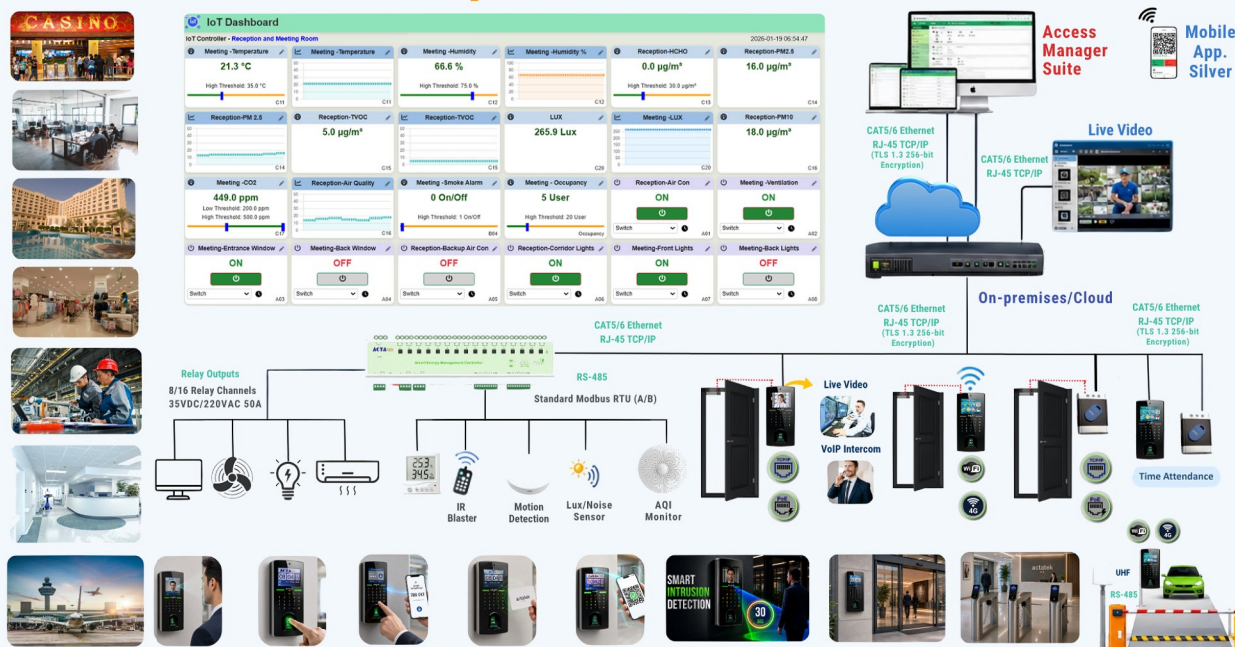
The ACTatek device is equipped with the latest TLS 1.3 256-bit encryption, ensuring consistent protection against cyber security threats through frequent updates.

Equipped with the built-in Power over Ethernet (PoE), a single CAT5-6 cable suffices for both the device, offering significant cost savings in cabling. The added benefit of online maintenance not only contributes to cost reduction but also eliminates the need for on-site visits and associated travel expenses.

No more cabling means a reduced carbon footprint, helping organizations achieve ESG and NetZero objectives with efficient LAN cable connectivity.

One System. Total Control

ACTAtek™



Standard Features

Model no. A4ER-1K-STA-P

Built-in smartcard reader

✓

RFID cards support

HID iClass(CSN)
MIFARE, MIFARE Plus
MIFARE DESFire EV1/EV2/EV3(standard)
SONY FeliCa
SINGAPORE CEPAS
NFC
(* depending on mobile phone model)

Built-in web and database server

Web-Based

Number of users

1,000 users

Number of Event Logs

1,000K (FIFO when is full)

Static IP address assignment

✓

Dynamic IP address assignment

✓

Authentication time

< 1 second

Alert

by email and SMS

Body Temperature Sensor (Temsen)
(Optional)

Specification:
Power supply: 12VDC from ACTAtek device
Measuring range: 35.0 C - 42.8 C
Fever alert: 38.0 C - 42.8C Red LED Blinks
Measuring distance: 100mm - 250mm
Accuracy: +/- 0.2C
Speed: 600ms
Interface: RS232

Model no. A4ER-1K-STA-P

Cyber Security

✓ HTTP/HTTPS encrypted communications
✓ TLS1.3 256-bit with periodic updates
✓ IP range restrictions ; Allowed IP
✓ OWASP VAPT report
(Vulnerability Assessment and Penetration Testing)

Remote Clock-in-out

✓

Power Over Ethernet (Built-in)

IEEE 802.3af/at/bt

Multi-lingual support

✓

Network interface (Built-in)

1,000 BaseT Ethernet

Operation temperature

-40°C to 60°C

Relay/Door Switch/Door Sense
Output

1 relay / 1 door switch/ 1 door sense
1 RS232 / 1 Wiegand output (26-bit)

Safety standard/Casing

FCC / CE

Product Life Cycle

Minimum 10 years

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