

Access Control  
Video Surveillance  
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 AT-1K-SMA is a smart solution that combines secure access control with reliable time attendance tracking. Designed for easy installation and seamless integration, it allows employees to use RFID cards or PIN codes for entry and clocking in, making daily routines simple and efficient. Every attendance record is captured in real time, giving managers accurate data to streamline payroll and workforce management while reducing errors.

Security is always a priority. The AT-1K-SMA is equipped with advanced encryption and regular updates to protect against cyber threats, ensuring peace of mind for organizations of all sizes. Its rugged design is built to last, with weather resistant protection for outdoor use and impact resistant casing for durability in busy environments.

The device is built for efficiency, flexibility, and sustainability. Optional Power over Ethernet (PoE) and WiFi make installation flexible and cost effective, while online maintenance reduces site visits. By cutting cabling and offering eco friendly connectivity, it helps organizations lower costs, reduce their carbon footprint, and meet ESG and NetZero goals—all in one durable, reliable device.

FC CE UK CA IK10 IEC 62368-1

IP65 (Water Proof & Impact Resistant)

FROST & SULLIVAN

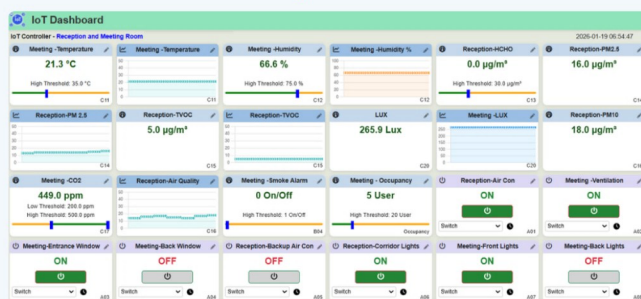
"2010 World Biometrics Vertical Market Penetration Leadership Award"





## One System. Total Control

ACTatek™



## Standard Features

Model Options: AT-1K-SMA

|                                              |                                                                                                                                                                                                                                            |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Built-in smartcard reader                    | ✓                                                                                                                                                                                                                                          |
| 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                | ✓                                                                                                                                                                                                                                          |
| Power Over Ethernet (Optional)               | IEEE 802.3af/at/bt                                                                                                                                                                                                                         |
| Valid characters for employee ID             | 0-9, A-C (max. 16 characters)                                                                                                                                                                                                              |
| Programmable function keys support           | F1,F2,F3,F4                                                                                                                                                                                                                                |
| Authentication time                          | < 1 second                                                                                                                                                                                                                                 |
| Alert                                        | by email and SMS,<br>LCD message displayed                                                                                                                                                                                                 |
| WiFi (Optional)                              | IEEE 802.11 a/b/g/n/ac                                                                                                                                                                                                                     |
| SIM Card LTE/4G                              | Optional                                                                                                                                                                                                                                   |
| IP Intercom (Built-in)                       | Optional (SIP,VoIP Intercom)                                                                                                                                                                                                               |
| Body Temperature Sensor (Temsens) (Optional) | Specification:<br>Power supply: 12VDC from ACTatek device<br>Measuring range: 35.0 C - 42.8 C<br>Fever alert: 38.0 C - 42.8C Red LED Blinks<br>Measuring distance: 100mm - 250mm<br>Accuracy: +/- 0.2C<br>Speed: 600ms<br>Interface: RS232 |

Model Options: AT-1K-SMA

|                                                                                                   |                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cyber Security                                                                                    | ✓ HTTP/HTTPS encrypted communications<br>✓ TLS1.3 256-bit with periodic updates<br>✓ IP range restrictions ; Allowed IP<br>✓ OWASP VAPT report<br>(Vulnerability Assessment and Penetration Testing) |
| Remote Enrollment                                                                                 | ✓                                                                                                                                                                                                    |
| Remote Clock-in-out                                                                               | ✓                                                                                                                                                                                                    |
| SNMP support<br>(Simple Network Management Protocol)                                              | ✓                                                                                                                                                                                                    |
| Multi-lingual support                                                                             | ✓                                                                                                                                                                                                    |
| Network interface (Built-in)                                                                      | 1,000 BaseT Ethernet                                                                                                                                                                                 |
| I/O interface                                                                                     | - RS-232 / RS-485<br>- Wiegand output (26bit)                                                                                                                                                        |
| Operation temperature                                                                             | -40 °C to 60 °C                                                                                                                                                                                      |
| RFID cards support<br>(*Smart Card model)                                                         | MIFARE , MIFARE Plus                                                                                                                                                                                 |
| Modes of authentications<br>(depending on device model:<br>single or multi-factor authentication) | RFID Card,PIN<br>RFID+PIN                                                                                                                                                                            |
| Relay/Door Switch/Door Bell                                                                       | 1 relay /1 door switch/1 door bell                                                                                                                                                                   |
| Safety standard/Casing                                                                            | CE ,FCC ,IK 10 ,IEC 62368-1, UKCA<br>IP65-fluid ingress,dust,salt,fog protection                                                                                                                     |
| Product Life Cycle                                                                                | Minimum 10 years                                                                                                                                                                                     |
| Components                                                                                        | Industrial grade components only to<br>guarantee wide operating temperature,<br>reliability and durability of the device                                                                             |