

Access Control
Video Surveillance
Payroll
Time Attendance
Workforce Management

ESG Governance & Net Zero 2050

Scalability & Sustainability

Smart Building Solution

Jakin ID

ACTatek Unified Platform

Managing People · Security · Environment · Energy



The ACTatek AT-1K-ST 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 multi-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-ST 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)

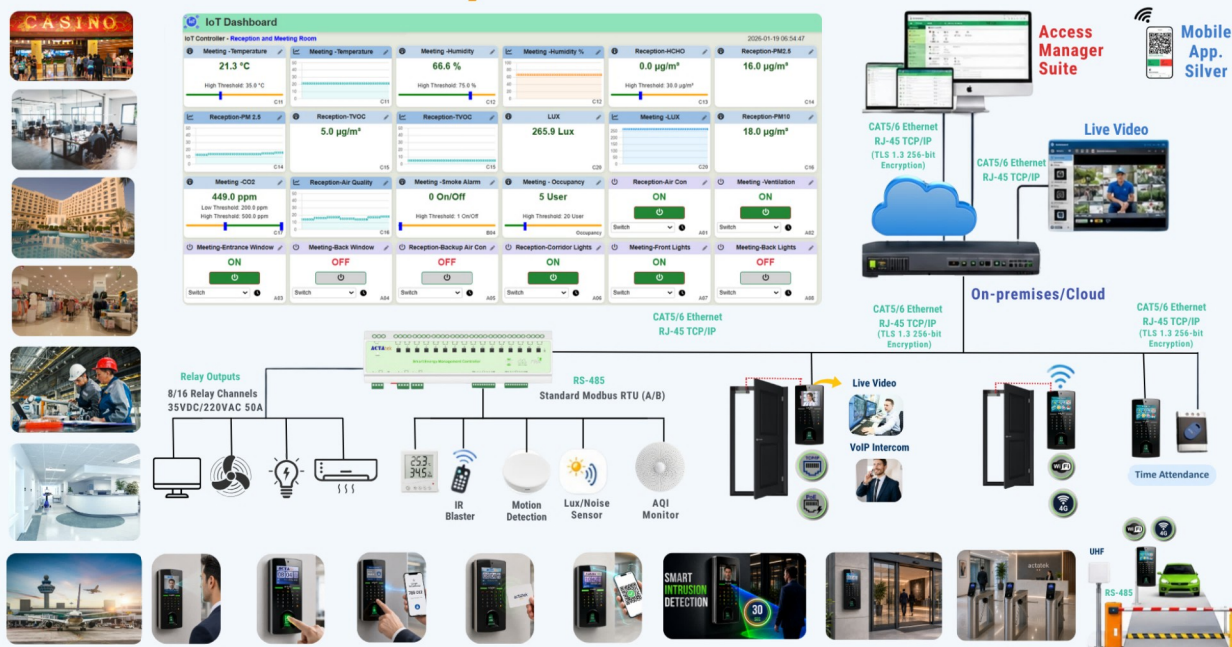
FROST & SULLIVAN

"2010 World Biometrics Vertical Market Penetration Leadership Award"



One System. Total Control

ACTAtek™



Standard Features

Model Options: AT-1K-ST

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, 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: 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 Options: AT-1K-ST

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 Enrollment	✓
Remote Clock-in-out	✓
SNMP support (Simple Network Management Protocol)	✓
Multi-lingual support	✓
Network interface (Built-in)	1,000 BaseT Ethernet
I/O interface	- RS-232 / RS-485 - Wiegand output (26bit)
Operation temperature	-40 °C to 60 °C
RFID cards support (*Smart Card model)	HID iClass(CSN) MIFARE, MIFARE Plus MIFARE DESFire EV1/EV2/EV3(standard) SONY FeliCa SINGAPORE CEPAS NFC (* depending on mobile phone model)
Modes of authentications (depending on device model: single or multi-factor authentication)	RFID Card,PIN 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 IP65-fluid ingress,dust,salt,fog protection
Product Life Cycle	Minimum 10 years
Components	Industrial grade components only to guarantee wide operating temperature, reliability and durability of the device