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 model AT-1K-FA-STA is designed for hassle-free installation and seamless integration. It offers multi-factor authentication with facial, multi RFID cards, QR code and PIN as credentials, ensuring flexible and secure access.

It's also a CCTV at your door, streaming live video and capturing 2.0 Megapixel high-resolution imagesas part of the event log. With integrated intrusion detection, the device can identify presence and loitering near entry points,providing proactive alerts before intrusion occurs.This combination of video surveillance and intelligent sensing enhances situational awareness and security for businesses and intelligent buildings.

The ACTAtek device is secured with advanced TLS 1.3 256-bit encryption and receives regular updates to safeguard against cyber security threats.Its IP65 weather rating ensures reliable outdoor performance, while the IK10 casing provides high resistance to physical impact, extending durabilityand protectionin demanding environments.

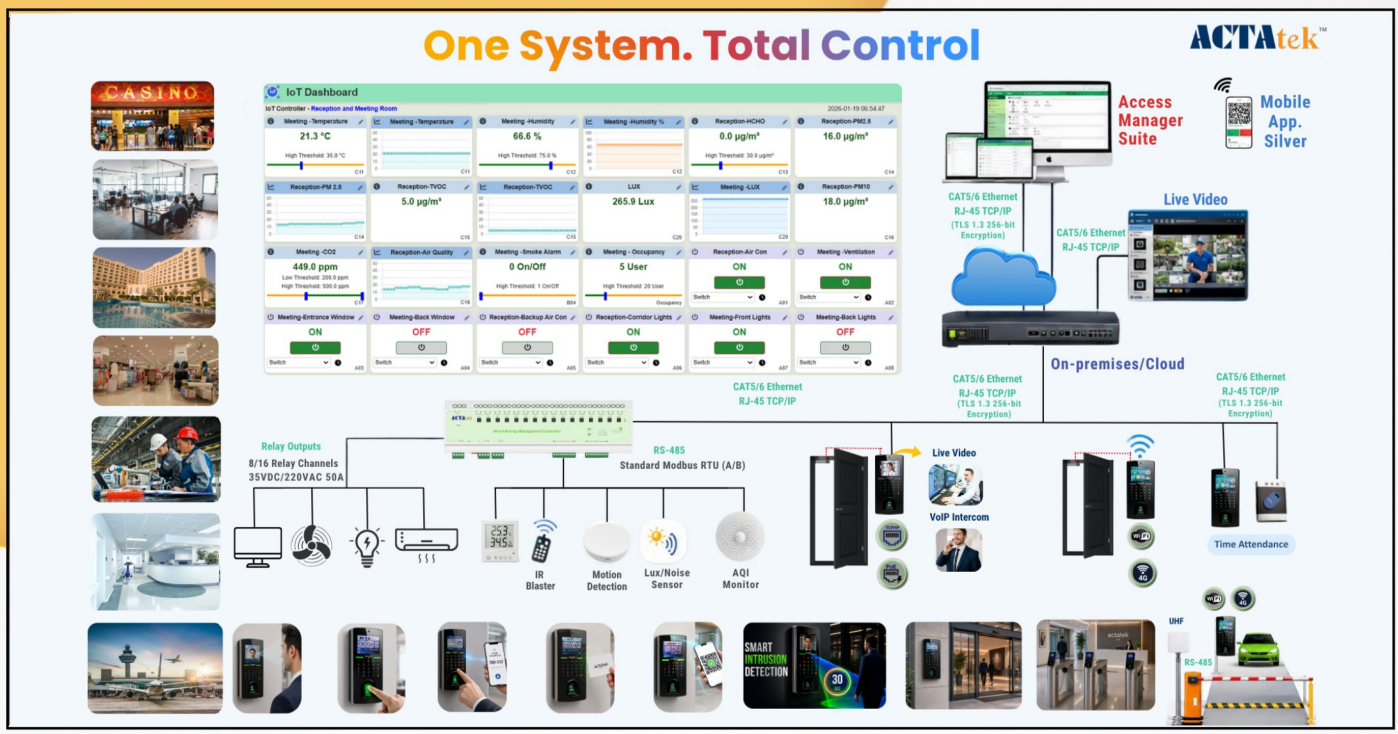
Google 2-Factor Authentication adds protection,while QR code integration simplifies user access.The device minimizes the need for extensive cabling,effectively reducing installation complexity and its carbon footprint , while aligning with ESG and NetZero goals.

FC CE UK CA IK10 IEC 62368-1
IP65(Water Proof& Impact Resistant)

FROST & SULLIVAN
"2010 World Biometrics Vertical Market Penetration Leadership Award "

Access Control / Time Attendance

Jakin ID



Standard Features

Model Options: AT-1K-FA-STA

Built-in smartcard reader	✓
Facial recognition with camera	✓
QR code authentication with camera	✓
Built-in web and database server	Web-Based
Built-in IR distance sensor and LED	✓
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
Face Users capacity	1,000(1:1) / 1,000(1:N)
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 (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 Options: AT-1K-FA-STA

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 (Facial/Smart Card/PIN)	✓
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 SONY FeliCa SINGAPORE CEPAS NFC (*depending on mobile phone model)
Modes of authentications (depending on device model: single or multi-factor authentication)	Facial,Smart Card,QR code,PIN Facial+Smart Card;Facial+QR code QR code+*Google Passcode Smart Card+*Google Passcode Facial+*Google Passcode Smart Card+PIN *Google Authenticator App is required for Google Passcode
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