

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-FSTA-W-P is designed for hassle-free installation and seamless integration. It offers multi-factor authentication with facial, fingerprint, 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 images as 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 durability and protection in demanding environments.

Google 2-Factor Authentication adds protection, QR code integration simplifies access, and built-in Wi-Fi with PoE reduces cabling—cutting complexity and carbon footprint while supporting ESG and NetZero goals.

FC CE UK CA IK10 IEC 62368-1

IP65 (Water Proof & Impact Resistant)

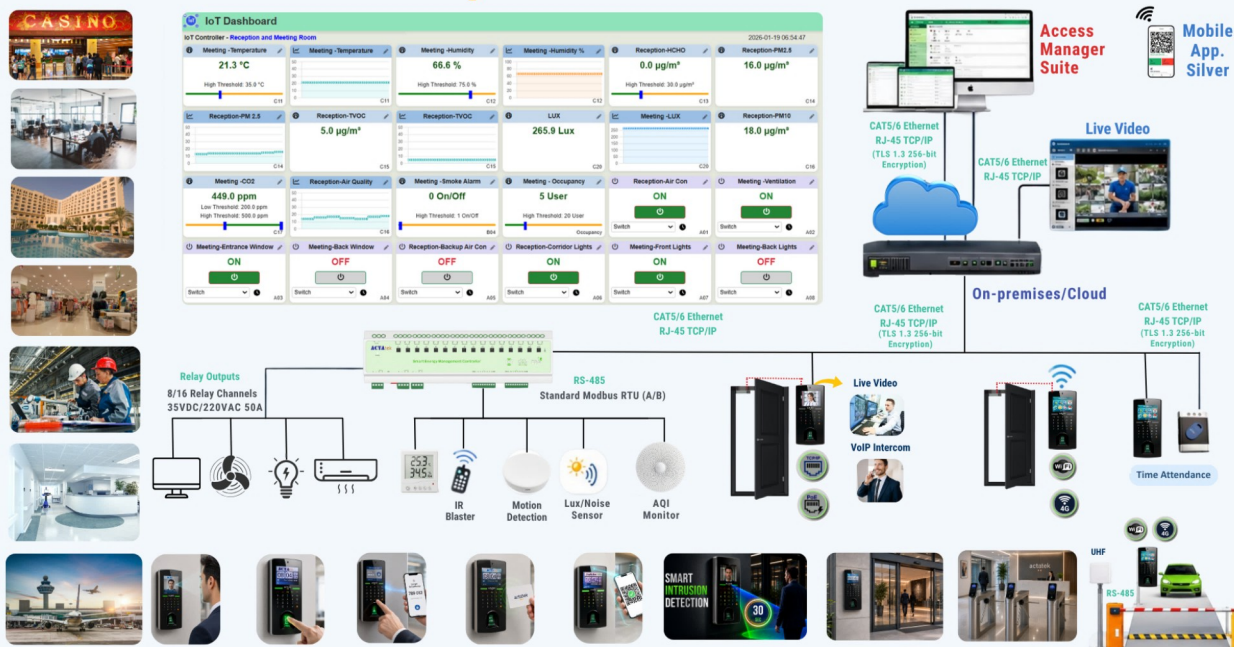
FROST & SULLIVAN

"2010 World Biometrics Vertical Market Penetration Leadership Award"



## One System. Total Control

ACTAtek™



## Standard Features

Model Options: AT-1K-FA-FSTA-W-P

|                                             |                                                                                                                                                                                                                                             |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FingerPrint authentication                  | ✓                                                                                                                                                                                                                                           |
| 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                         | 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                                                                                                                                                                                                                                  |
| FingerPrint Users capacity                  | 1,000(1:1) / 1,000(1:N)                                                                                                                                                                                                                     |
| Face Users capacity                         | 1,000(1:1) / 1,000(1:N)                                                                                                                                                                                                                     |
| Alert                                       | by email and SMS, LCD message displayed                                                                                                                                                                                                     |
| WiFi                                        | IEEE 802.11 a/b/g/n/ac                                                                                                                                                                                                                      |
| SIM Card LTE/4G                             | Optional                                                                                                                                                                                                                                    |
| IP Intercom (Optional)                      | SIP, VoIP Intercom                                                                                                                                                                                                                          |
| Body Temperature Sensor (Temsen) (Optional) | Specification:<br>Power supply: 12VDC from ACTAtek device<br>Measuring range: 35.0 C - 42.8 C<br>Fever alert: 38.0 C - 42.8 C Red LED Blinks<br>Measuring distance: 100mm - 250mm<br>Accuracy: +/- 0.2C<br>Speed: 600mS<br>Interface: RS232 |

Model Options: AT-1K-FA-FSTA-W-P

|                                                                                             |                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 (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<br>- Wiegand output (26bit)                                                                                                                                                                                                                                       |
| Operation temperature                                                                       | -40°C to 60°C                                                                                                                                                                                                                                                                       |
| RFID cards support (*Smart Card model)                                                      | HID iClass(CSN)<br>MIFARE, MIFARE Plus<br>MIFARE DESFire EV1/EV2<br>SONY FeliCa<br>SINGAPORE CEPAS<br>NFC<br>(* depending on mobile phone model)                                                                                                                                    |
| Modes of authentications (depending on device model: single or multi-factor authentication) | Facial, FingerPrint, Smart Card, PIN, QR code<br>Facial+FingerPrint; Smart Card+FingerPrint<br>QR Code+FingerPrint; Smart Card+PIN<br>Facial+Google Passcode<br>FingerPrint+Google Passcode<br>QR code+Google Passcode<br>*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<br>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                                                                                                                                                                  |