

Access Control  
Video Surveillance  
Payroll  
Time Attendance  
Workforce Management

ESG Governance & Net Zero 2050

Scalability & Sustainability

Smart Home Solution

## ACTatek Demo Case Set RFID biometrics IoT all-in-one reader

*Hassle-free, easy to install*

Enhance your business performance and protection with ACTatek IoT solutions that offer facial, fingerprint, QR code and RFID authentication methods for single or multiple factors. You can also connect the device to WiFi AP and external I/O board to control access to your offices and facilities remotely and securely:

It is technology proof with users, features and functions upgrade via software patches.

User friendly, just like Internet banking, use any web-browser on your PC, laptop and mobile phone to access and manage all the applications.

The device is protected by latest TLS 1.3 256-bit encryption and continuous upgrade to protect your network.

With optional PoE built-in, just a single CAT5-6 cable can deliver all the needs for the device as well as to the door strike. Coupled with online maintenance giving you tremendous saving on cabling cost, remote on-site maintenance and travelling expenses!

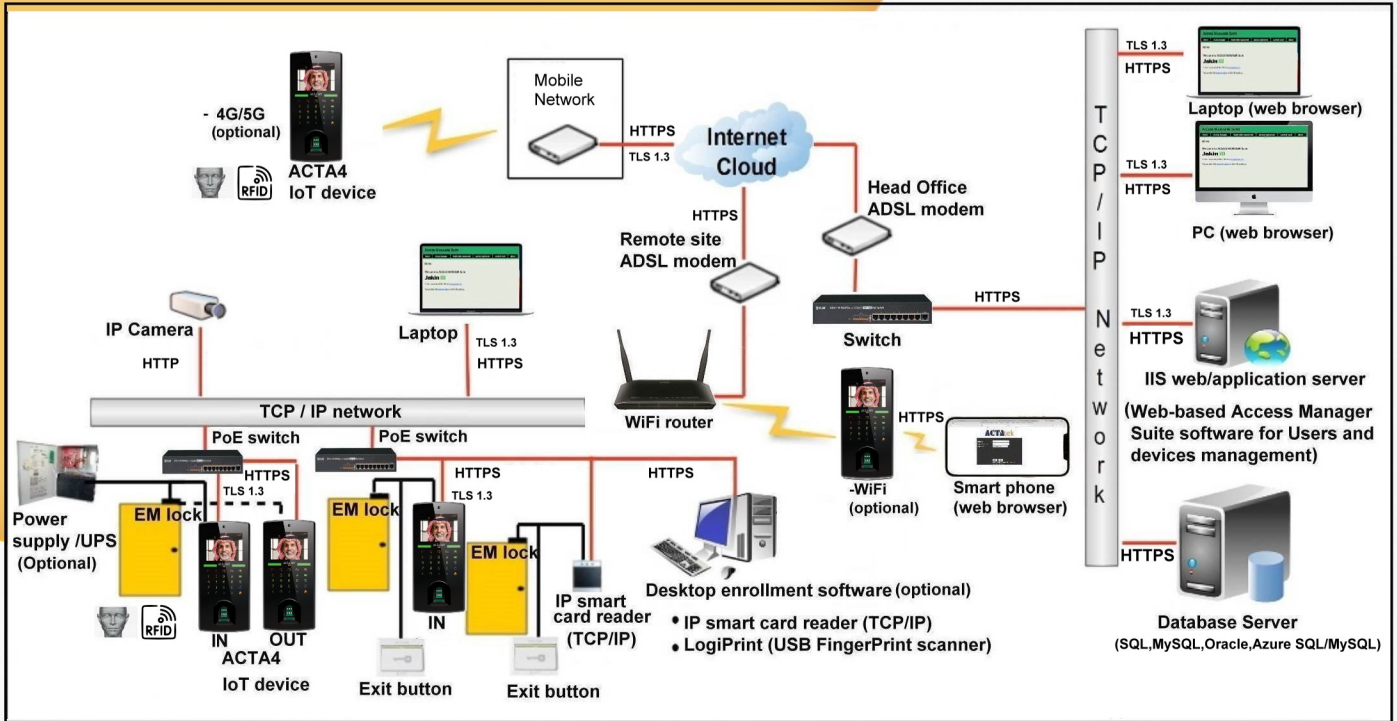
Easy to scale: you can install one today and thousands of units tomorrow! Simply plug and play on your network. The IP65 rating allows all weather installations.



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

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





## Standard Features

Model Options: AT-1K-FA-FSTA-WI

Fingerprint enrollment	✓
Built-in smartcard reader	✓
Facial recognition with camera	✓
QR code authentication with camera	✓
Live detection	Optional for Fingerprint
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 (Built-in)	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
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
IP Intercom	SIP, VoIP Intercom
SIM card 4/5G/LTE	Optional
IP smart card reader (A4ER-1K-STA )	1K Users; 13.56MHz MiFare Desfire, SONY Felica, Singapore CEPAS HID iClass (Read Card S/N Only), and third party cards.
ACTatek IO board (I/O Box)	2 x door strikes 1 x door sensor 1 x door switch 1 x 26bit wiegand output

Model Options: AT-1K-FA-FSTA-WI

Cyber Security	<ul style="list-style-type: none"> <li>✓ HTTP/HTTPS encrypted communications</li> <li>✓ TLS 1.3 256-bit with periodic updates</li> <li>✓ IP range restrictions ; Allowed IP</li> <li>✓ OWASP VAPT report (Vulnerability Assessment and Penetration Testing)</li> </ul>
Remote Enrollment (FingerPrint/Facial/Smart Card/PIN)	✓
Remote Clock-in-out	✓
SNMP support (Simple Network Management Protocol)	Optional
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 SONY FeliCa SINGAPORE CEPAS NFC (* depending on mobile phone model)
Modes of authentications (depending on device model: single or multi-factor authentication)	Facial, FingerPrint, Smart Card, QR code, PIN Facial+FingerPrint ; Facial+QR code Facial+Smart Card ; FingerPrint+Smart Card QR code+*Google Passcode+Facial QR code+*Google Passcode+FingerPrint 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 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