Access Control
Video Surveillance
Payroll
Time Attendance
Workforce Management

ESG Governance & Net Zero 2050

Scalability & Sustainability

Smart Home Solution

Jakin ID

ACTAtek GreenTech for security, people and IoT ID management

The ACTAtek model A-1K-FA-FLI-P is designed for hassle free installation and seamless integration. It offers multi factor authentication with facial ,fingerprint,and PIN as credentials.
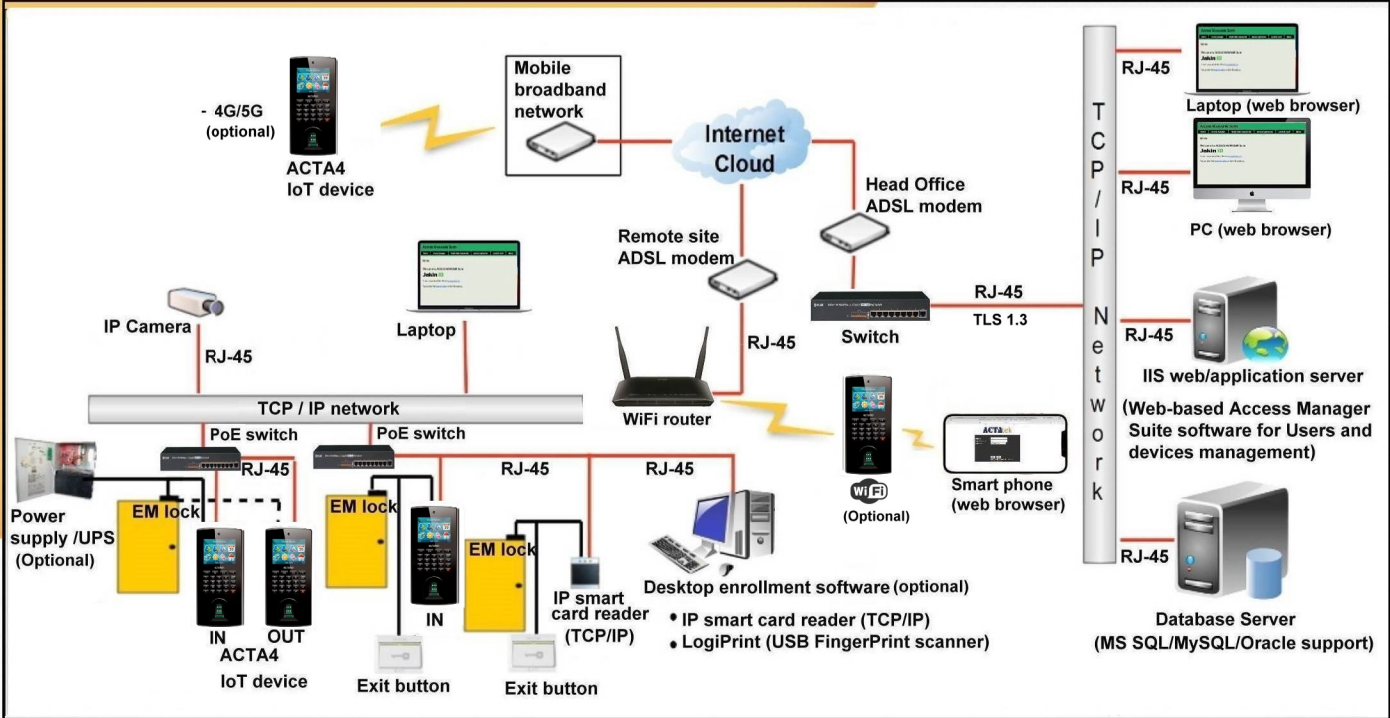
The ACTAtek device is equipped with the latest TLS 1.3 256-bit encryption, ensuring consistent protection against cyber security threats through frequent updates.

With an IP65 rating, ensuring robust performance for outdoor installations. The IK10-rated casing offers superior protection against physical impacts, reinforcing the device's security and durability.

Equipped with built-in Power over Ethernet (PoE) ,a single CAT5-6 cable suffices for both the device and the door strike, offering significant cost savings in cabling. The added benefit of online maintenance not only contributes to cost reduction but also eliminates the need for on-site visits and associated travel expenses.

No more cabling saving carbon footprint to achieve ESG and NetZero objectives with LAN (PoE) cable connectivities.

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

Access Control / Time Attendance

Jakin ID

Standard Features

Model no. A-1K-FA-FLI-P

Fingerprint enrollment	✓
Built-in smartcard reader	Optional
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)
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)	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
SIM card 4/5G/LTE	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 no. A-1K-FA-FLI-P

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 (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
WiFi (Built-in)	IEEE 802.11 a/b/g/n/ac
I/O interface	- RS-232 / RS-485 - Wiegand output (26bit)
Operation temperature	-40°C to 60°C
Modes of authentications	FingerPrint,Facial,PIN Facial+FingerPrint Facial+PIN
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

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