Jakin ID

Access Control
Video Surveillance
Payroll
Time Attendance
Workforce Management

Covid-19 Healthcare Contact Tracing

Crowd Control

Visitor Management

ACTAtek Facial,UHF RFID
biometrics IoT all-in-one reader

Hassle-free, easy to install

Improve your business security and efficiency with ACTAtek facial, QR code and UHF RFID single or multi-factor authentication IoT solutions for your offices and facilities all-in-one car park solutions:

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

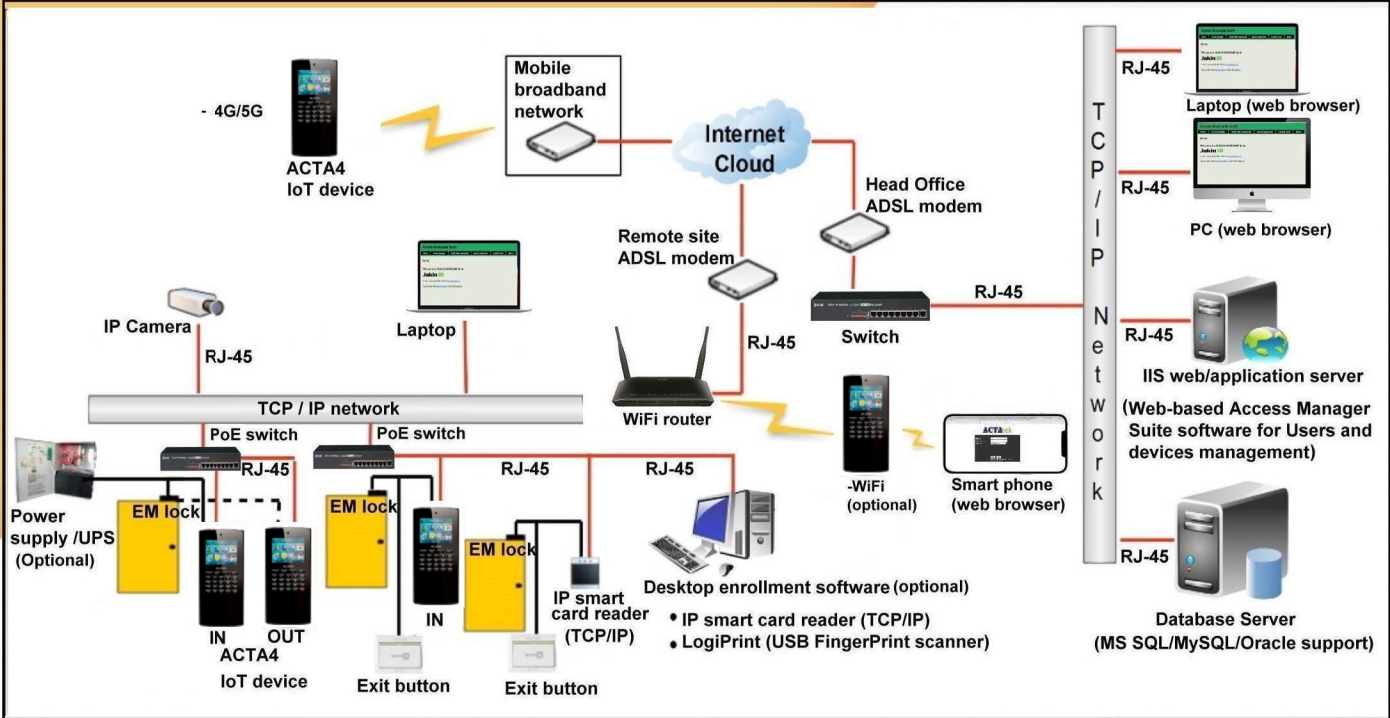It is technology proof with users, features and functions upgrade via software patches.

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)

Access Control / Time Attendance

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Network diagram showing:
- 4G/5G — ACTA4 IoT device
- Mobile broadband network
- Internet Cloud
- Head Office ADSL modem
- Remote site ADSL modem
- Switch — RJ-45
- IP Camera — RJ-45
- Laptop
- TCP / IP network
- WiFi router
- TCP/IP Network — RJ-45 — Laptop (web browser), PC (web browser)
- IIS web/application server (Web-based Access Manager Suite software for Users and devices management)
- Database Server (MS SQL/MySQL/Oracle support)
- PoE switch — RJ-45
- Power supply /UPS (Optional)
- EM lock — IN OUT ACTA4 IoT device
- EM lock — IN — Exit button
- EM lock — Exit button
- IP smart card reader (TCP/IP)
- Desktop enrollment software (optional)
  - IP smart card reader (TCP/IP)
  - LogiPrint (USB FingerPrint scanner)
- -WiFi (optional)
- Smart phone (web browser)

Standard Features

Model no. A-1K-FA-SiR

Feature	
Facial recognition with camera	✓
UHF card/tag plus PIN code authentication	✓
UHF card/tag support	UHF (ISO 1800-6C)
QR code authentication with camera	✓
FingerPrint authentication	Optional
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 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-SiR

Feature	
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
I/O interface	- RS-232 / RS-485 - Wiegand output (26bit)
Operation temperature	-40 °C to 60°C
Modes of authentications	Facial,UHF card/tag,PIN Facial+UHF card/tag UHF card/tag +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

UHF RFID Reader — RS485 — VEHICLE BARRIER — 8 m — eTag — A-1K-FA-SiR — ACTA-KTG-1004-UHF