Access Control
Payroll
Time Attendance
Workforce Management

ESG Governance & Net Zero 2050

Scalability & Sustainability

Smart Home Solution

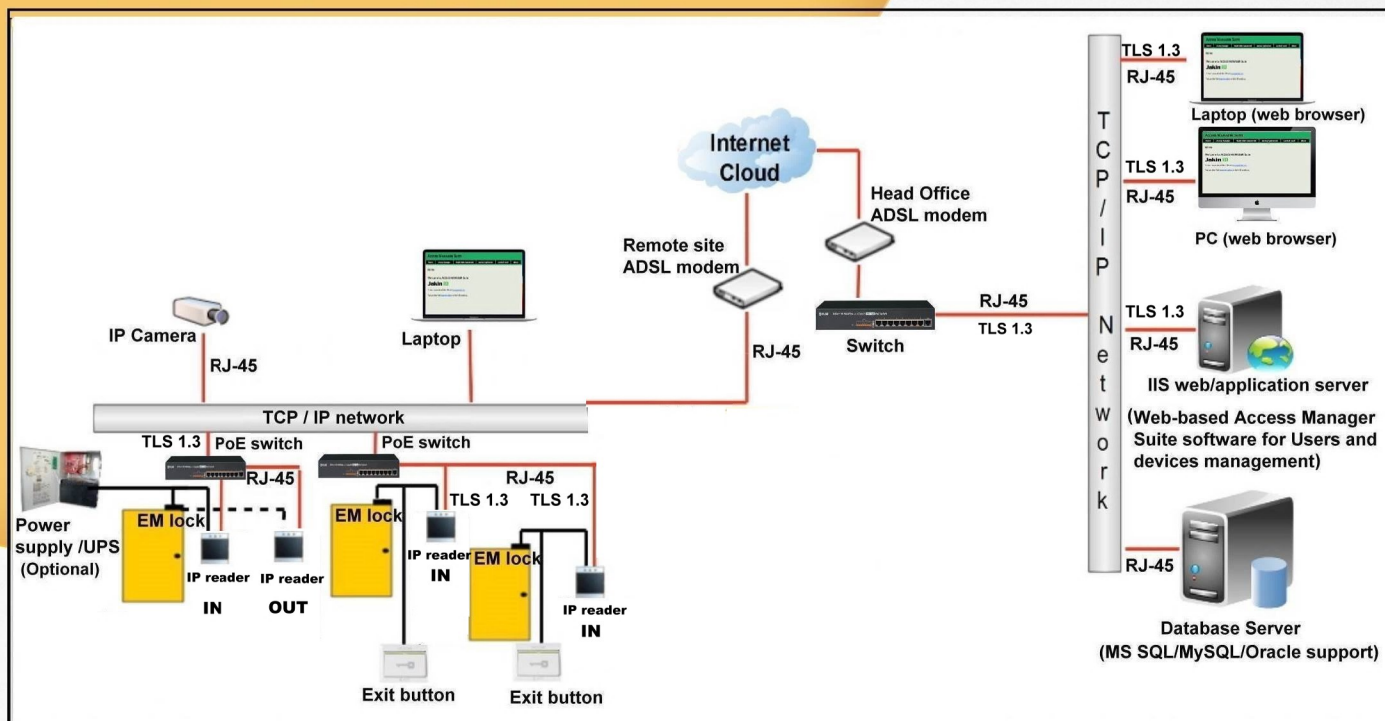## ACTAtek GreenTech for security, people and IoT ID management

The ACTAtek model A4er-3K-SM is designed for hassle free installation and seamless integration. It offers MiFare RFID cards credential.

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 offers superior protection against physical impacts,reinforcing the device's security and durability for outdoor installations.

Scalability is made effortless - install one unit today and scale to thousands tomorrow with a simple plug-and-play setup on your network to work with the on-premises AMS or AMS SaaS solutions.

Additionally, the device minimizes the need for extensive cabling, effectively reducing its carbon footprint while aligning with ESG and NetZero goals, all made possible through its LAN (PoE) connectivity.

FC C€
IP65(Water Proof& Impact Resistant)

The network diagram shows the following labeled components: IP Camera (RJ-45), Laptop, TCP/IP network, Power supply /UPS (Optional), EM lock, PoE switch, IP reader IN, IP reader OUT, Exit button, Remote site ADSL modem, Internet Cloud, Head Office ADSL modem, Switch (RJ-45, TLS 1.3), TCP/IP Network, Laptop (web browser) (TLS 1.3, RJ-45), PC (web browser) (TLS 1.3, RJ-45), IIS web/application server (Web-based Access Manager Suite software for Users and devices management) (TLS 1.3, RJ-45), Database Server (MS SQL/MySQL/Oracle support) (RJ-45).

Standard Features

Model no. A4er-3K-SM

Feature	Value
Built-in smartcard reader	✓
RFID cards support (*Smart Card model)	MIFARE, MIFARE Plus MIFARE DESFire EV1/EV2
Built-in web and database server	Web-Based
Number of users	3,000 users
Number of Event Logs	1,000K (FIFO when is full)
Static IP address assignment	✓
Dynamic IP address assignment	✓
Authentication time	< 1 second
Power Over Ethernet	IEEE 802.3af/at/bt
Alert	by email and SMS
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. A4er-3K-SM

Feature	Value
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 Clock-in-out	✓
SNMP support (Simple Network Management Protocol)	Optional
Multi-lingual support	✓
Network interface (Built-in)	1,000 BaseT Ethernet
Operation temperature	-40 °C to 60°C
Relay/Door Switch/Door Sense Output	1 relay /1 door switch/ 1 door sense 1 RS232
Safety standard/Casing	CE ,FCC 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

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