



"Introducing ACTAtek Unified Platform - Your Complete RFID, Biometric, IoT All-in-One Reader Solution"

We deliver **ESG**-aligned, **NetZero**-ready ID management powered by edge **AI** and **IoT**.

One unified, open, and scalable system for managing People, Security, Environment, and Energy—from access control to smart city solutions.

- ✓ **Access Control**
- ✓ **Video surveillance**
- ✓ **Payroll**
- ✓ **Time Attendance**
- ✓ **Workforce Management**
- ✓ **IoT Control & Management**

Experience the convenience of a platform as intuitive as online banking. Effortlessly control all applications via any internet browser on your desktop, laptop, or smartphone.

Boost your business operations with the integration of Actatek all-encompassing IoT solutions. Harness the power of **facial recognition**, **fingerprint scanning**, **QR codes**, and **RFID technology** to provide either single or multi-factor authentication within your workplace.



Key features:

- Intrusion Detection
- IoT Controller Control & Automation
- Wireless connection by WiFi and SIM cards
- Advanced data protection: TLS 1.3 256-bit encryption
- Regular updates: enhance network security
- Optional PoE capability: reduced wiring + cost
- Single CAT5-6 cable connection
- Online maintenance service: cut down on on-site visits and travel expenses
- IP65 rating
- IK10 rated for impact proof

- **Future-proof**
 - Periodic online updates of functions, features, and security patches.
- **Horizontal add-on modular approach**
 - Accommodates evolving business ensuring sustainability

ESG FRIENDLY

Actatek's Net Zero 2050 objectives and ESG principles offer significant alignment with various companies, providing mutual benefits.



Openness



Scalability



Sustainability



User-friendliness

Actatek is deeply committed to enhancing environmental sustainability and fostering innovation in the realm of technology. Through a dedicated focus on developing cutting-edge solutions, Actatek aims to address pressing environmental challenges and promote a greener future.



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STANDARD FEATURES

Standard Features

Model Options:

	Facial	Fingerprint	Smartcard	Fingerprint + Smartcard	Hybrid
Fingerprint enrollment	Optional	✓	Optional	✓	Optional
Built-in smartcard reader	Optional	Optional	✓	✓	Optional
Facial recognition with camera	✓	Optional	Optional	Optional	Optional
QR code	✓	Optional	Optional	Optional	Optional
Live detection			✓		
Built-in web and database server			Web-Based		
Number of users			1,000 users to 250,000 users (maximum)		
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			150,000 (1:1)/20,000 (1:N)		
Face Users capacity			150,000 (1:1)/50,000 (1:N)		
Alert			by email and SMS, LCD message displayed		
WiFi (Optional)			IEEE 802.11 a/b/g/n/ac		
SIM card 4G/LTE			Optional		
IP Intercom (Built-in)			Optional (SIP, VoIP Intercom)		

Body Temperature Sensor (Temsen):
(Optional)

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 Options:

	Facial	Fingerprint	Smartcard	Smartcard + Fingerprint	Smartcard + Fingerprint + Facial
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	✓	✓	✓	✓	✓
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 - Wiegand output (26bit)				
Operation temperature	-40°C to 60°C				
RFID cards support (*Smart Card model)	EM,HID Proximity HID iClass (CSN) MiFare,MiFare Plus MiFare DESFire EV1/EV2/EV3(Standard) 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,UKCA IP65-fluid ingress, dust, salt, fog protection				
Product Life Cycle	Minimum 10 years				
Standards	Fingerprint:ISO 19794-2 template, ANSI/INCITS 378 template MINEX III PIV level 2 compliant, FBI Certified WSQ STQC, ISO 19794-4 Image Facial: ISO/IEC 19794-5-2006, Image(FFI): ISO/IEC 19794-5				

One System. Total Control

