ACTAtek

Access Control
Video Surveillance
Payroll
Time Attendance
Workforce Management

Enterprise-wide Deployment
Real-time Communication
Biometric Authentication

RFID Smart Card
web and cloud-based readers

Hassle-free, easy to install

The Leading Web and Cloud-based, Biometric and RFID Smartcard Platform for Enterprise-Wide Solutions in ID Management

The ACTAtek Smart Card reader was the best choice for the customers who were looking for RFID smartcard access control, video surveillance, time attendant, payroll, security and work force management solutions.

Easy-to-use, with no software installation required, and a efficient network connection makes this a simple yet sophisticated enterprise-wide platform solution for many system-level software applications.

By using the RFID smartcard, pin (keypad) and a CMOS camera, IT managers, security directors and HR will be able to select multiple ways for users to authenticate. A choice of smartcard readers is offered, enabling legacy card systems to be part of this new platform solution.

An IP65 certified product operating over the extended temperature range, this unit will continue to deliver even in extreme weather conditions.

Three Modes of Authentication :
1. Smart Card only
2. PIN+Smart Card
3. PIN only

Add-ons available:
- Smart cards and fobs
- WiFi Adaptor
- Power Over Ethernet (PoE)
- Mobile Battery Kit
- 3G modem gateway
--UPS

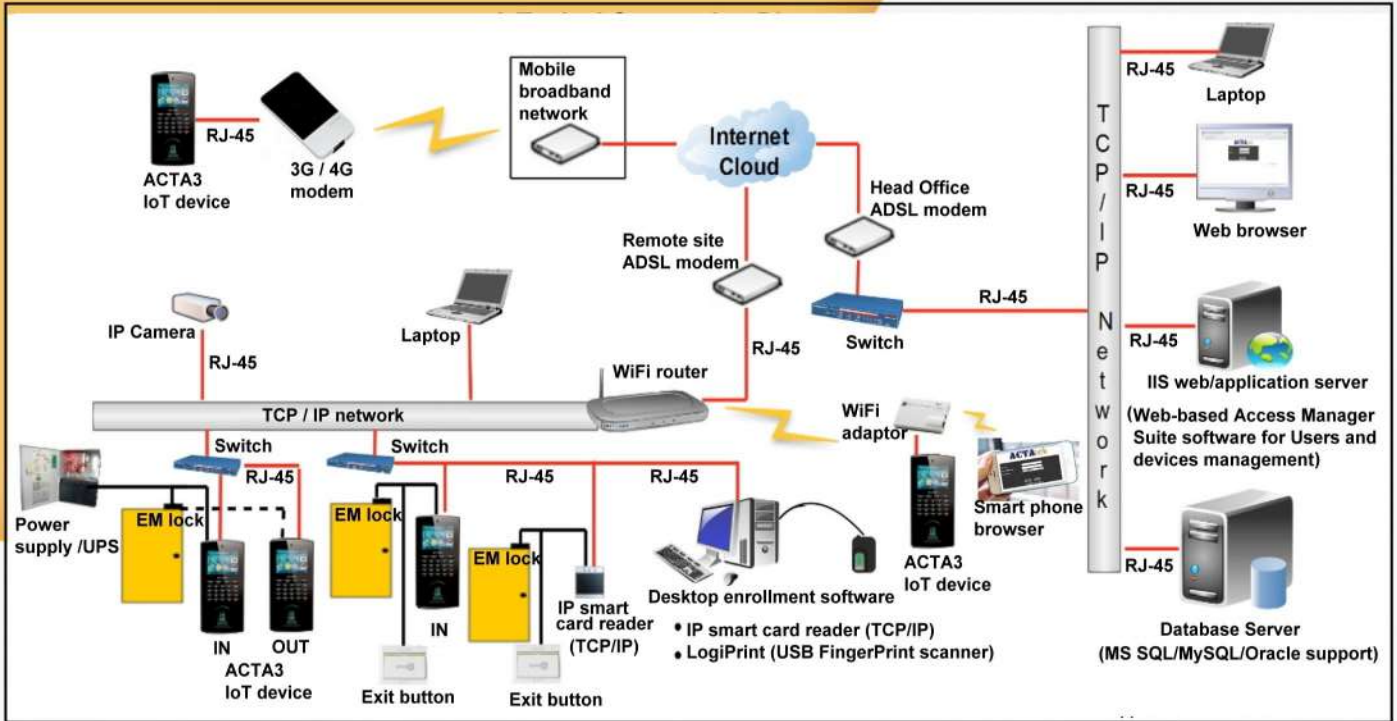ACTAtek3 Model: Keypad / Smartcard CMOS Camera

FC CE SAS IEC6095
IP65 (Water Proof& Impact Resistant)

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

Access Control / Time Attendance

ACTAtek

Diagram labels:

ACTA3 IoT device — RJ-45 — 3G / 4G modem — Mobile broadband network — Internet Cloud — Head Office ADSL modem — Remote site ADSL modem — Switch — RJ-45 — Laptop — RJ-45 — Web browser — RJ-45 — IIS web/application server (Web-based Access Manager Suite software for Users and devices management) — RJ-45 — Database Server (MS SQL/MySQL/Oracle support)

IP Camera — RJ-45 — Laptop — TCP / IP network — WiFi router — WiFi adaptor — Smart phone browser — ACTA3 IoT device

TCP / IP Network

Power supply /UPS — Switch — EM lock — RJ-45 — Switch — EM lock — RJ-45 — EM lock — RJ-45 — IP smart card reader (TCP/IP) — Desktop enrollment software
- IP smart card reader (TCP/IP)
- LogiPrint (USB FingerPrint scanner)

IN OUT — ACTA3 IoT device — IN — Exit button — Exit button

Standard Features

Model:	Smartcard only	Keypad + CMOS camera
Fingerprint enrollment	✗	✗
Built-in smartcard reader	✓	✗
Built-in web and database server	✓	✓
Number of users	1k/3k/5k 10k/15k/30k	1k/3k/5k 10k/15k/30k
Max. transaction records stored	75000 log for 1k,. 3k, 5k user model 10000 log for 10k, 15k, 20k, 30k user model	
Static IP address assignment	✓	✓
Dynamic IP address assignment	✓	✓
Power Over Ethernet (Built-in)	Optional	
Resolution of LCD	2.8'64K/256K colour TFT screen 320 x 240 pixel resolution	
Non-volatile memory	256MB	
Computer OS support (with Internet browser)	Mac OS iOS Windows OS Android Unix Machine Linux PC	
Valid characters for employee ID	0-9, A-C (max. 16 characters)	
Programmable function keys support	F1,F2,F3,F4	
Authentication time	< 1 second	

Distributed by:

Model:	Smartcard only	Keypad + CMOS camera
Database interface support	ODBC / JDBC	
Encryption	Secure Socket Layer (SSL)	
Multi-lingual support	✓	✓
Network interface	100BaseT Ethernet (built-in) / SNMP support GSM/GPRS, Wi-Fi (*additional device is required)	
I/O interface	RS-232/RS-485 Wiegand 26bit output (Optional:External I/O board)	
Export Report	CSV / Text file	
Remote Control	✓	✓
Operation temperature	-20°C to 50°C	
Modules	CPU RFID card Mifare 13.56MHz HID Proximity ISO14443A/B HID iClass / FeliCa ISO15693 EM 125kHz CEPAS Card (Singapore) 13.56MHz CMOS/Video camera (Optional) Colour LCD & keypad	
Modes of authentication	Smartcard, PIN PIN Smartcard + PIN	
Mobile	Optional mobile battery	
Relay support	1 relay	
Safety standard/Casing	CE, FCC, IP65-fluid ingress,dust,salt,fog protection (*available on certain models only)	
Software support	ACTAtek Agent / ACTAtek Access Manager ** (Standalone) (Networkable)	

** ACTAtek Access Manager:

Software Requirements
- Windows Server 32bit/64bit or Vista 32bit/64bit
- Microsoft SQL Server for Database Server , SQL Server 2005 and 2008 is supported
- Microsoft .Net 3.5 runtime

Hardware Requirements (Minimum)
- CPU: Intel Core 2 Duo 2.6GHz or higher
- Memory: 4GB
- Storage: 20 GB free
- Ethernet: 100 Base-T

(Note:Access Manager -SOAP/API will be provided for 3rd party integration.)