



GO with your Finger



ACTAtek

IOT FingerPrint RFID reader/controller

With 15 years of experience in providing RFID fingerprint biometrics IOT solutions or the enterprise ID management applications for security and work force management, our worldwide installations in Fortune 500 companies plus over 100 million users daily of our devices and IOT platform demonstrate our success in the field.

With TCP/IP communication interface ,PoE capability,and Video surveillance solution. ACTAtek provides user-friendly biometrics IOT cloud-based ID management platform and all-in one solutions for access control and time attendance device.





Security In An Unsecure World

In a world full of both internal and external risks, companies of all sizes are increasingly turning to improved physical access control to protect their valuable assets and data to ensure regulatory compliance and reduce liability. The ACTAtek provides perhaps the most critical tool in combating these risks – control over where and when someone has access to a particular resource, asset or area!

Flexible Solutions to Fit Any Need

The ACTAtek can be used to monitor and limit access throughout a facility, ensuring employees and visitors alike only have access to approved areas. With a variety of authentication technologies available, including PIN, Proximity/Smart Card and Biometric, the ACTAtek system can be tailored with off-the-shelf products to fit the security needs of each individual area.

Unparalleled Ease of Use

Whether from the end user's point of view or that of the installer; the ACTAtek was designed with ease-of-use in mind. Initial configuration of the system is similar to that of a network printer. In a multi-unit system, the Actatek relies on the Access Manager web application to coordinate the security network. Once installed on a server, Access Manager can be accessed via the network using a simple web interface. Since Access Manager does not require a dedicated client application to be installed on each workstation, the user and policy management can be performed from multiple workstations simultaneously. The ability to encrypt the network traffic with 128bit SSL encryption allows an administrator to securely manage the system anywhere in the world – even on unsecured networks like the World Wide Web!

Cutting-Edge Technology for Physical Access Control

The ACTAtek system is the culmination of over ten years of production experience in biometric and card based physical access control solutions. Now in its third generation, this latest ACTAtek unit builds on the field tested platforms of former generations while incorporating the latest advancements in biometric scanner, card access and network appliance technologies. ACTAtek has partnered with the leading security vendors, including HID Corporation, Philips Electronics, Legic and EM Microelectronics, to provide the most flexible solutions for both new and existing installations. With over 75,000 worldwide installations in the past ten years, the ACTAtek has developed a proven, long-standing track record.

Superior Return On Investment (ROI)

The ACTAtek's use of common standards-based hardware and wiring configurations allow installation and maintenance costs to be kept to a minimum. Only a single server application needs to be installed and there are no client applications to maintain.

Dollar-for-dollar, there is not a more complete access control solution on the market!

JakinID
www.jakinid.com

ACTAtek – Product Overview

Authentication Technologies

Biometric authentication refers to technologies that measure and analyze human identification "by using their physiological and behavioral characteristics" for authentication purposes."

- Dictionary, March 14, 2013

Most access control products take a one size fits all approach to security; typically allowing only card access or pin access. The ACTAtek takes an innovative approach by allowing a diverse range of technologies to be used for authentication while preserving the central manageability of users, audit information and access policies. Biometric authentication can be used for sensitive areas while the basic, pin pad, only models can be used for minimum security areas.

Biometric Authentication

Fingerprint recognition has evolved into a technology that is extremely easy to use, inherently secure and remarkably affordable for many applications. Today biometric authentication is being used for applications ranging from government tracking of foreign nationals to customers paying for groceries at the local store. The power of this technology is built on the fact that no two human beings have ever been found to have identical fingerprints. The ACTAtek harnesses this technology to provide unparalleled security for sensitive areas at a comparable price to other, less sophisticated, access control systems.

Integrated Smart Card / Proximity Card Readers

For year's smart cards and proximity cards have been a staple of many access control systems. The ACTAtek system allows for this proven technology to be deployed, where appropriate, in a secured environment. For this reason, most common smart card and proximity card formats are supported by the ACTAtek system including Philips Mifare, HID Prox, HID Prox II, HID iCLASS, and EM.

Pin Codes

In its most basic configuration the ACTAtek system can be deployed as a simple pin or password based system. While this configuration lacks the ease of use, security of biometrics, and card based systems, it does retain the same web enabled, robust user management, access policies, and audit capabilities found in the other models.

Multiple Credential Configurations

Smart card / proximity card technology can be used in combination with fingerprint recognition to significantly increase security for the most sensitive areas. This is achieved by requiring the user to present two credentials, a valid smart card, and a valid biometric, in the form of a fingerprint.

Credential configurations can be customized to allow for high security while maintaining efficiency. For example, it is possible to configure an Access Group to allow access using only a single credential during working hours but require dual credentials after working hours.



Recent Security Awards

2010 Vertical Market and Penetration Leadership Award

Frost & Sullivan

2009 Best of SC Magazine Award

SC Magazine

2008 Best in Integrated Security Appliance

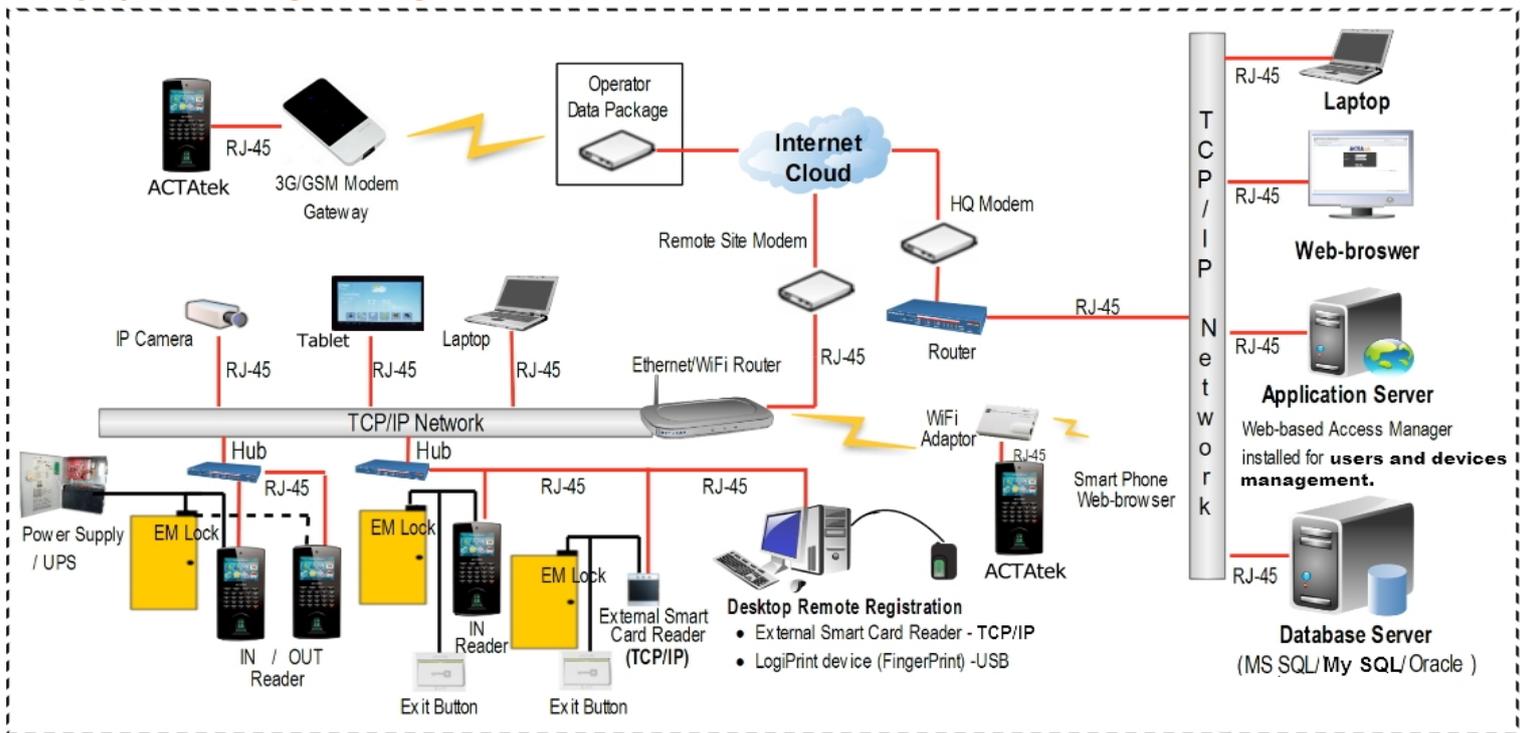
Network Products Guide

2008 Product Innovation

Network Products Guide



SYSTEM DIAGRAM OVERVIEW



Hardware features

- ✓ Flexible solutions for access control, time and attendance, and workforce management.
- ✓ Full-colored LCD screen for local viewing and configuration.
- ✓ Built-in reports for access control and time attendance.
- ✓ Web-based anywhere access to ease configuration and report generation.
- ✓ Integrated seamlessly into ACTAtek cloud based ID management platform.
- ✓ Open ACTAtek API ease third party application integration.

Upgrade options

- ⬆ CMOS Video Camera
- ⬆ Logo Customization
- ⬆ User Capacity 50K users(max.)

Specification

Fingerprint Sensor	Optical
RF Card Option	HID Prox., HID iClass, EM MiFare/Desfire, Felica, CEPAS
Template Capacity	60000
Max User	50000
Log Capacity	75000
Ingress Protection	IP65
PoE	Yes, IEEE 802.3af (Class3)
Interfaces	TCP/IP, Wiegand, RS232 External I/O board
Tamper	Switch
Programmable Function Keys	F1-F40
Operating Temp.	-20C - 50 C
Operating Voltage	12v DC
LCD display	2.8" 64K/256K colour TFT screen
Dimensions(mm)	176mm(L) x 83mm(W) x 38mm (H)
Certificates	FCC, CE, IEC 60950-1-2005, IP65

CMOS Video Camera	Yes
SSL encryption support	Yes
SNMP support	Yes
DDNS support	Yes
uPnP support	Yes
Device Off Network Message	Yes
Private Cloud support	Yes
API for integration	Yes
Global Auto In/Out	Yes
Global Anti-passback	Yes
Remote Door Open	Yes
Duress Code support	Yes
User Message support	Yes
Remote Clock In	Yes
Multiple Job Code Dialogue	Yes
Lunch Break Locked Down	Yes



External I/O Board

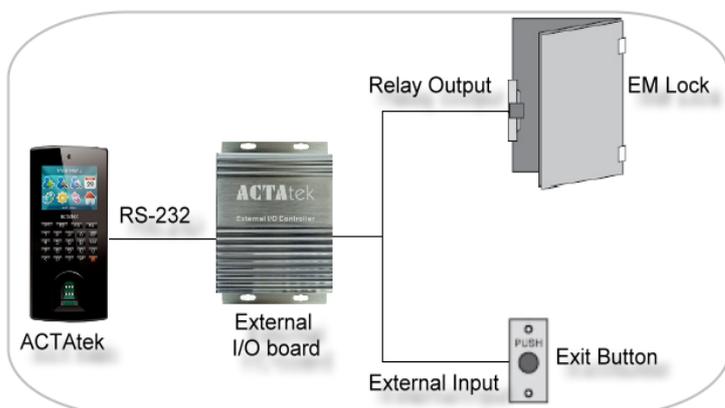
-A separate controller for door control -and I/O expansion.

Introducing the External I/O board, a powerful add-on to ACTAtek device which provided an additional layer of security for access control system when the ACTAtek device are exposed to general access.

How does it work?

With encrypted communication, it ensures the door release mechanism cannot be operated. This means that even when there is a vandal attack or the ACTAtek device was moved with force, the External I/O board Secure Relay will maintain operation and keep door mechanism locked against unauthorised access.

Configuration diagram



Specification

IO Type	Support
Door Strike	Two
Door Switch	Two
Door Sensor	Two
Wiegand Output	One
Host communication	RS232
Power Supply	12V DC

JakinID

www.jakinid.com



UNINTERRUPTIBLE POWER SUPPLIES(UPS)

-UPS for ACTAtek device / External I/O board / EM Lock



Highly reliable Uninterruptible Power Supplies (UPS) power supplies for ACTAtek device /External I/O board /EM Lock.This is designed to protect when businesses demand critical uptime for their Time Attendance and Security Access Control devices, the UPS delivers constant reliable power supply and added surge protection to protect your devices from power-related damages and the inconvenience with loss of use on times you need it most.

Specification

Features	Technical Specifications
Battery Type	VRLA
Supply Voltage	100-240 AC 50/60Hz
Output	13.5V DC +/-2%, 3Amp (Max.)
Battery Capacity	12V DC, 7Ah / 12Ah
Operating Temperature	0 to 45 Degrees Celsius
Humidity	Up to 95% non - Condensing
Battery Charging Time	18 – 36 Hours
Average Continuous Operation with ACTAtek™ Connected	12Ah: 10-16 hours
Average Continuous Operation with ACTAtek™, External Secure Relay and electric lock (500mA lock) Connected	12Ah: 8-10 hours
Relock Delay time	0-15 seconds
Weight	5kg
Dimension	16.5cm x 21.5cm x 11.5cm
Warranty	1 Year

Features and benefits

- AGM technology, no excess fluid electrolyte, can work in any position
- No corrosive gas will be generated in application
- Low self discharge rate, close coherence of voltage and capacity by strict producing control
- Available with anti-flame ABS plastic container reaching UL94V-O standard

Protection and Configuration diagram

- Over-Voltage protection
- Over-Current protection
- Short circuit protection
- Over charge protection
- Over discharge protection
- Self-recovery when fault condition remove

