



# ACTAtek™ - SMARTCARD OR KEY TAG SECURITY & TIME ATTENDANCE SYSTEM

## Smartcard Access Control & Attendance System

ACTAtek™ smartcard supports a wide range of card technologies, which include Mifare, Legic, FeliCa, contact smartcard, HID proximity and HID iClass, as well as, EM and Barcode technologies, ISO14443A/B, ISO15693, 125Hz. ACTAtek™ is supporting 1,000 users up to 30,000 users. This gives the consumer the option to choose the card technology they want - without limiting them to any platform.

The benefits of using ACTAtek™, as opposed to existing smartcard systems, are manifold. For instance, ACTAtek™ can be accessed via the web. So, even if an employee loses his / her card, fraudulent entry can be avoided after office hours when ALL accesses to the premise is denied. Moreover, with a built-in CMOS camera (above the LCD screen), a snapshot of all attempts, including rejected attempts are stored in the database.

### AT ACTAtek™, SECURITY IS OUR PRIORITY.

Moreover, a combination of access methods can be used, such as, PIN only, Smartcard +PIN, or smartcard only. This gives you an option of what access method to grant your employees, based on either time of day, or employee work schedule. Also, ALL entries are logged by the system, which can hold up to 75,000 records.

To add to that, ACTAtek™ has most recently devised a simple external card reader, also known as a "dummy reader". The external reader has no software built-in to it, and all it does is either accept or reject entry. The external reader can either be used at multi-door deployments, where security should be present but you do not need a full ACTAtek™ unit at all locations, especially if they are networked anyway. Or, if you wish to log both IN & OUT entries and need 2 units installed in front of and behind doors for attendance or payroll purposes. This method reduces cost and yet provides you with needed security and accountability for all personnel.



### FEATURES & BENEFITS

- ▶ 2 Access methods: Smartcard and PIN
- ▶ Operates in standalone or network modes
- ▶ Encrypted communication between units and browser
- ▶ All software and hardware are built-in
- ▶ IP65 rated weather and impact resistant casing
- ▶ Multi-lingual interface - supports English, Spanish, Chinese, Arabic, German, Thai, Korean, Polish, Portuguese and Croatian - More in future releases!
- ▶ Maximum user enrollment of 30,000 users
- ▶ Maximum transaction storage of 75,000 records
- ▶ Control, configure and administer via web interface
- ▶ Real-time system update and configuration
- ▶ Integration with Wiegand 26-bit and 40-bit output
- ▶ Optional built-in CMOS camera.
- ▶ Optional Wi-Fi support.
- ▶ Optical secure external relay

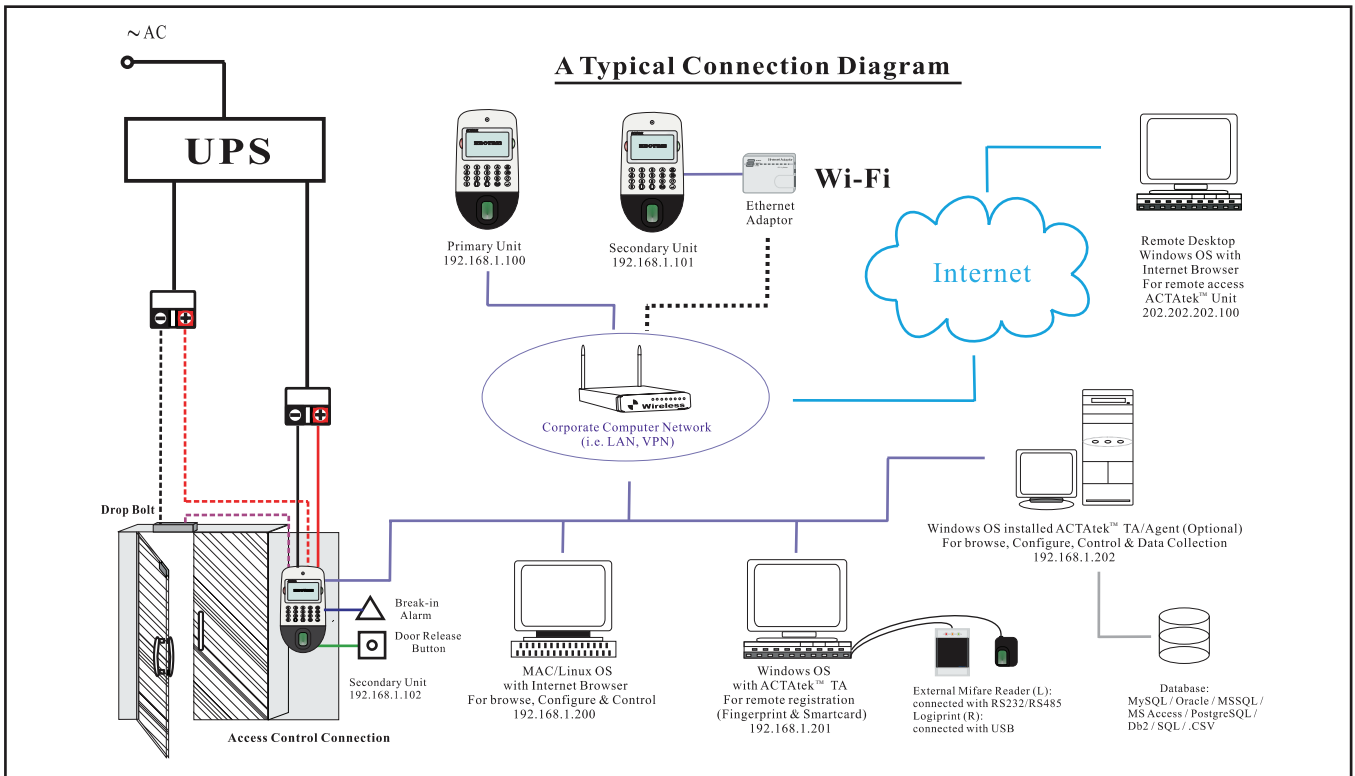
### Technical Specification

Features	Technical Specification	
<b>Philips Mifare Technology</b>		
Operating Distance:	3-3.5cm	
Card Memory:	1KB / 4KB	
Standards:	ISO14443A/B, ISO15693	
<b>Legic Technology</b>		
Working Range:	3cm	
Standards:	ISO14443A/B, ISO15693	
Operating Frequency:	13.56MHz	
<b>HID Technology</b>		
Operating Distance:	Up to 10cm	3-3.5cm
Standards:	Proximity	iClass
Operating Frequency:	125KHz	13.56MHz
<b>FeliCa</b>		
Operating Distance:	2cm	
Operating Frequency:	13.56MHz	
<b>EM Technology</b>		
Operating Distance:	Up to 10cm	
Standards:	EM4001 compatible	
Operating Frequency:	125KHz	
<b>Contact Card Technology</b>		
Operating Frequency:	3.68MHz / 4MHz	
Card Memory:	2KB / 16KB / 32KB / 64KB	
Card Standard:	ISO7816-1/2/3, PC/SC, CE, FCC, NETS	



IP65 CASING

# Access Control / Time Attendance



## Standard Features

Model:	Fingerprint only	Smartcard only	Fingerprint + Smartcard	Keypad + CMOS camera
Fingerprint enrollment	✓	✗	✓	✗
Built-in smartcard reader	✗	✓	✓	✗
Built-in web and database server	✓	✓	✓	✓
Number of users	1k/3k/5k 10k/15k/20k	1k/3k/5k 10k/15k/30k	1k/3k/5k 10k/15k/20k	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			
Exchange information between devices (Primary / Secondary)	✓	✓	✓	✓
Static IP address assignment	✓	✓	✓	✓
Dynamic IP address assignment	✓	✓	✓	✓
Dimension of LCD (inches x inches)	✓	✓	✓	✓
Non-volatile memory	128/256MB			
Computer supported (with internet browser)	Mac OS Windows 95/98/NT/2000/XP/Vista Pocket PC Linux PC Unix Machine			
Valid characters for employee ID	0-9, A-C (max. 16 characters)			
Authentication time	< 1 second			

Distributed by:

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Model:	Fingerprint only	Smartcard only	Fingerprint + Smartcard	Keypad + CMOS camera
Database interface support	ODBC / JDBC			
Encryption	Secure Socket Layer			
Multi-lingual support	✓	✓	✓	✓
Network interface	10BT Ethernet (built-in) GSM/GPRS, Wi-Fi, Modem			
Expansion	RS-232/RS-485 Wiegand			
Operation mode	Primary/Secondary mode			
Programming API	SOAP API			
Report	✓	✓	✓	✓
Remote Control	✓	✓	✓	✓
Operation temperature	-20°C to 60°C			
Modules	CPU / Fingerprint Mifare / Legic HID Proximity HID iClass / FeliCa EM / Contact card LCD & keypad CMOS camera		RFID card 13.56MHz ISO14443A/B ISO15693 125kHz	
Modes of authentication	Fingerprint, Smartcard, PIN ID + Fingerprint Smartcard + Fingerprint Smartcard + PIN			
Mobile	Optional mobile battery			
Relay support	2 relays			
Case	IP65 – fluid ingress, dust, salt, fog protection			
Safety standard	CE, FCC, IP65			
Software standard	SNMP compliant LDAP compliant (available on certain models)			