



## AC900 Fingerprint Door Access & Time Attendance System

One finger solves it all

FingerTec® AC900 series Fingerprint Door Access Control and Time Attendance System delivers confidence and convenience by personalization of users through their fingerprints and eliminates the use of card system for door access. The FingerTec® AC900 series provides a perfect balance between stylish ultra-modern door access reader and practicality. By deploying the world renowned university's fingerprint algorithm in its minutiae matching technique, the FingerTec® AC900 series ensures to provide access to only authorized people based on their enrolled fingerprint templates stored in the system. With the FingerTec® AC900 series, there is no more worries about people entering into your organization or misuse of cards and keys by irresponsible people.

The FingerTec® AC900 series is a user-friendly, reliable and flexible fingerprint authentication system integrateable with other security solutions to ensure high-level protection for your premises.

The FingerTec® AC900 series is a hassle-free model which can be set-up quickly and easily without requiring intensive labor, expensive equipments and high maintenance cost.

The FingerTec® AC900 series Fingerprint Door Access Control and Time Attendance System is the ultimate door access system of today for your protected tomorrow!

### FEATURES & BENEFITS

- ▶ **Easy installation with AdapTec AC:** AdapTec AC is a perfect companion for FingerTec® AC900, complete with pre-available connection points for simple plugging of cables. Installation manual is provided for easy reference.
- ▶ **Easy enrollment and fast verification:** A single fingerprint template enrollment takes about 2 seconds and a verification takes less than 2 seconds per user.
- ▶ **Sizeable Storage Capacity:** A unit of FingerTec® AC900 series can contain up to 1,500 templates and 100,000 buffered transactions.
- ▶ **Connections Availability:** TCP/IP, RS232, RS485 and Wiegand 26-bits (output) communication interface.
- ▶ **Readily Available Alarm Trigger:** FingerTec® AC900 provides automatic alarm trigger in the event of break in, door ajar and illegal dismantle of reader for safety precaution.  
*Note: The function works only if alarm system is installed with FingerTec® AC900*
- ▶ **Powerful Time Attendance Software:** TCMS V2, Time Control Management System software is bundled with every reader to provide effective human resource data management.
- ▶ **SDK BioBridge Available:** Third party software integration is possible with FingerTec® BioBridge.



# AC900

## Fingerprint Door Access & Time Attendance System

One finger solves it all



AC900 Packaging  
Dimension (mm): 300(L) x 225(H) x 90(W)  
Weight: 2.2kg (with AdapTec AC)  
1.2kg (without AdapTec AC)



### LAYOUT PLAN

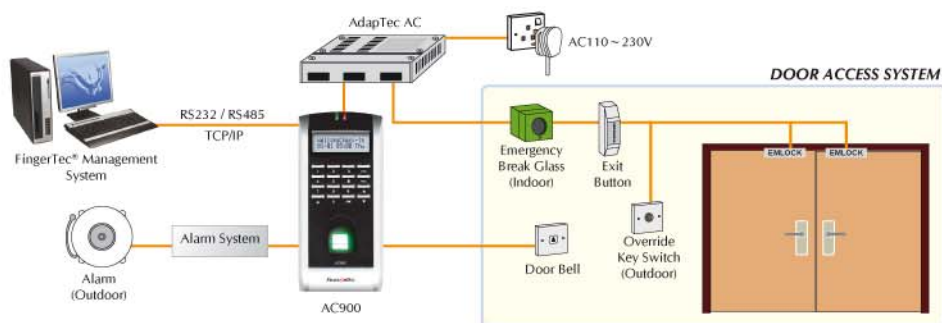
#### System Communication Diagram

for illustration only



#### Installation Diagram

for illustration only



### SPECIFICATIONS

MODEL	AC900
SURFACE FINISHING	Acrylonitrile Butadiene Styrene (ABS)
TYPE OF SCANNER	Optical
DIMENSION (L X W X H), mm	91 x 40 x 190
STORAGE	
• Fingerprint templates	1500
• Transaction	100000
ENROLLMENT & VERIFICATION	
• Methods	Fingerprint (1:1, 1:N), Password
• Recommended fingerprint per user ID	2
• Fingerprint placement	Any angle
• Verification time (sec)	< 1
• FAR (%)	< 0.0001
• FRR (%)	< 1
COMMUNICATIONS	
• Method	TCP/IP, RS232, RS485
• Baud rates	9600, 19200, 38400, 57600, 115200
• Wiegand	26-bits output
OPERATING ENVIRONMENT	
• Temperature (°C)	0 ~ 45
• Humidity (%)	20 ~ 80
• Power input	DC12V 3A
TIME ATTENDANCE	
• Work codes	Yes
ACCESS CONTROL	
• EM lock driving output	DC12V3A / Relay output
• Alarm output	NO / NC
DISPLAY LANGUAGE (READER)	English (Standard) / Upon Request - Arabic / Indonesian / Spanish / Turkish / Thai / Polish / Korea / Romanian / Portuguese / Dutch / Chinese / French / Slovenia / Russian / Greek / Hebrew / Farsi / Italian / Vietnamese / Czech / Bulgarian
SOFTWARE LANGUAGE	English, Arabic, Indonesian, Spanish, Chinese, Thai, Vietnamese, French, Farsi, Italian, Russian, Malay, Portuguese, German

Authorized Reseller:

**FINGERTEC**  
www.fingertec.com

©2009 FingerTec Worldwide Sdn. Bhd. All rights reserved.