FING**ER**TEC

Always keep
an open mind
behind
a closing door

AC900 Standard Fingerprint
Door Access & Time Attendance System

Fingerprint   Password   TCP/IP   RS232/RS485

AC900 is an access control and time attendance machine which never fails to deliver its purpose as a security system. With AC900, you won't have to worry about the misusing of keys or key cards as access is controlled through a person's fingerprint. AC900 is a user-friendly, reliable, and flexible fingerprint authentication system which is integrateable with other third party security systems to ensure a high level of protection for your premises.
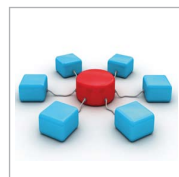
Fast Paced & Versatile
AC900 gives you an option of identity verification through finger print scanning or password. On top of that, fingerprint verification is done within a second!
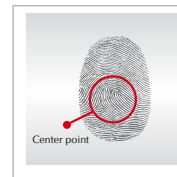
Precise Recognition
AC900 uses minutiae matching technology that ensures only enrolled users are granted access.

Center point

Integrateable System
Have a different existing system in your organization? No problem, AC900's user data can be exported to several formats for you to integrate with your current system.

Eliminate Buddy Punching
The weakness with the clock-in card system is that 'buddy punching' can occur where one employee can clock in the time for another employee if any of them are late. Eliminate this occurrence by using the unique perindividual fingerprint as a clock-in card!

User-Friendly
Any more user-friendly, and AC900 will have to speak to you. AC900 has a simple-to-use user interface and keypad.
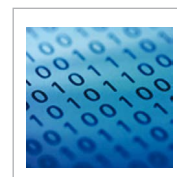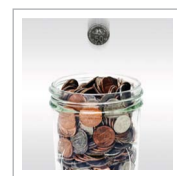
Workcodes
Let your staff experience more independence by reporting their whereabouts via our workcodes feature.

Manage Your Data Easily
Administration is easy with the Ingress software application. Ingress allows you to remotely manage door activity of all connected terminals, while containing time attendance functions for attendance monitoring.

Value for Money
This model was designed to be economical so that you are able to implement FingerTec solutions at a lower cost. We believe that when it comes to security, there should be no compromise.
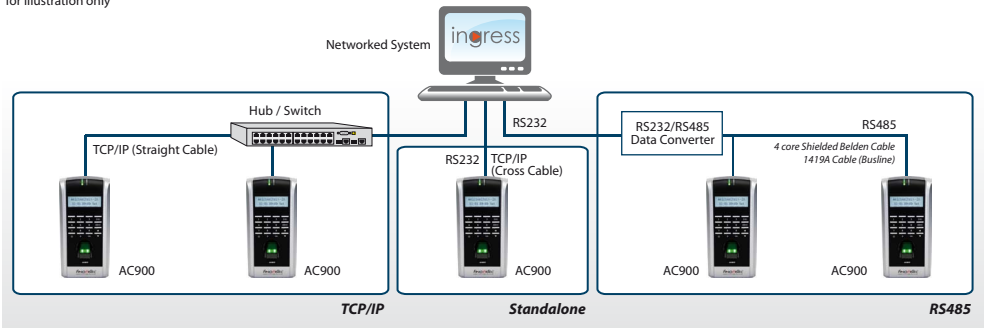
ingress

Product
https://product.fingertec.com/userguide.php

- Quick Start Guide
- Installation Guide
- User Guide
- Video Guide
- Technical Tips

Ingress Software
https://product.fingertec.com/userguide.php

System Communication
for illustration only

Networked System — ingress

Hub / Switch

TCP/IP (Straight Cable)

RS232

RS232/RS485 Data Converter

RS485

4 core Shielded Belden Cable 1419A Cable (Busline)

RS232 | TCP/IP (Cross Cable)

AC900 | AC900 | AC900 | AC900 | AC900

TCP/IP | **Standalone** | **RS485**

Installation Diagram

AC110/240V Power Input

AdapTec Plus

DC 12V Rechargeable Battery

ABOVE CEILING

CEILING

EM Lock

ON-OFF Keyswitch

Power cable and door unlock signal

Door lock system

Emergency Break Glass

Push Button

OUTDOOR | **INDOOR**

SPECIFICATIONS

MODEL	AC900
SURFACE FINISHING	Acrylonitrile butadiene styrene (ABS)
TYPE OF SCANNER	Non coated optical scanner
MICROPROCESSOR	400 MHz
MEMORY	128 MB RAM & 32 MB SDRAM
ALGORITHM	BioBridge VX 9.0 / VX10.0
PUSH TECHNOLOGY	Yes
DIMENSION (L X W X H), mm	91 x 40 x 190
STORAGE	
Fingerprint templates	1500
Transactions	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-bit output
OPERATING ENVIRONMENT	
Temperature (°C)	0 ~ 45
Humidity (%)	20 ~ 80
Power input	DC 12V 3A
TIME ATTENDANCE	
Work codes	Yes
MULTIMEDIA	
Display	Black and white
ACCESS CONTROL	
EM lock driving output	DC 12V 3A / relay output
Alarm output	NO
DISPLAY LANGUAGE (TERMINAL)	English (Standard), Arabic, Malay, Indonesian, Chinese Traditional / Simplified, Thai, Vietnamese, Korean, Spanish, Portuguese Portugal / Brazil, Poland, France, Russia, Germany, Italy, Turkey, Persian, Slovak, Greek, Dutch, Hebrew , Romania, Bulgaria. *Other languages are available upon request.*

NOTE: Specifications are subject to change. Check **http://product.fingertec.com** for latest product information.

Packaging

1 With AdapTec
Dimension (mm) : 245 (L) x 90 (W) x 225 (H)
Weight : 1.82 kg

2 Without AdapTec
Dimension (mm) : 225 (L) x 72 (W) x 168 (H)
Weight : 0.82 kg

Authorized Reseller:

CE FC RoHS MADE IN MALAYSIA FOR THE WORLD

102021