FING@RTEC

Model: AC900

Fingerprint 2-in-1 Door Access & Time Attendance System
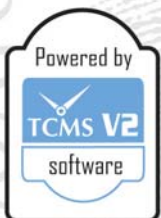
One finger solves it all

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

The FING@RTEC® AC900 series is a user-friendly, reliable and flexible fingerprint authentication system that is capable of integration with other security solutions to ensure high-level protection that your premise requires. The FING@RTEC® AC900 series is a hassle-free model which makes set-up quick and easy with no more high wire, intensive labor, expensive equipments and high maintenance cost.

The FING@RTEC® AC900 series Fingerprint Access Control System is the ultimate door access system of today for your protected tomorrow!

[FEATURES & BENEFITS]

- One-to-Many (1:N) Identification and One-to-One (1:1) Verification
- Allow a maximum of 10 fingerprints enrollment per user
- Allow rotation of fingerprint placement
- Possess storage capacity of 50,000 transactions
- Offer easy enrollment and fast clocking system
- All-in-one reader, no external controller needed
- RS232, RS485, Ethernet, Wiegand 26-bits communication interface
- Easy-to-use management software
- Complete with buzzer feature
- Automatic activation of alarm in the event of break in, door ajar and illegal dismantle of reader.

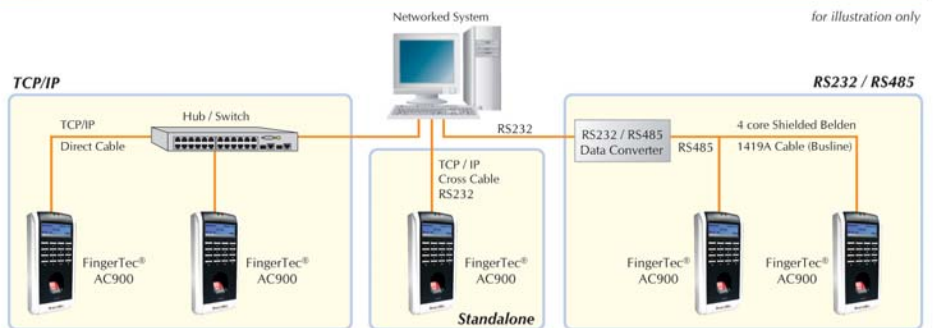# Fingerprint 2-in-1 Door Access & Time Attendance System

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System Communication

for illustration only

TCP/IP — Networked System — RS232 / RS485

Hub / Switch

TCP/IP Direct Cable

RS232

TCP / IP Cross Cable RS232

RS232 / RS485 Data Converter — RS485 — 4 core Shielded Belden 1419A Cable (Busline)

FingerTec® AC900 — FingerTec® AC900 — FingerTec® AC900 — **Standalone** — FingerTec® AC900 — FingerTec® AC900

Installation Diagram

for illustration only

Power Supply DC 12V 3A

Door Access System

Alarm (Outdoor)

Alarm System

Emergency Break Glass (Indoor)

Exit Button

EMLOCK   EMLOCK

RS232 / RS485 TCP/IP

FingerTec® Management System

FingerTec® AC900

Override Key Switch (Outdoor)

Door Bell

[SPECIFICATIONS]

Size (mm)	89 (L) x 188(H) x 36 (W)
Identification Time (s)	⩽ 2 seconds
Enrollment	Up to 10 fingerprints per user
Fingerprint Placement	Any angle (360°)
FAR	< 0.0001%
FRR	< 1%
Transaction Storage	50,000
User Capacity	1,500 templates
Time Zone	50
Ethernet	10 / 100 BaseT (UDP)
Serial Communication (bps)	9600 / 19200 / 38400 / 57600 / 115200 (RS232) 38400 (RS485)
Wiegand	26-bits
Operating Temperature (°C)	0 - 45
Operating Humidity (%)	20 - 80
Operating Voltage	DC 12V 3A
EM-Lock Driving Output	DC 12V 3A
Display Language	English, Chinese

FINGERTEC®

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