



### Product Overview

SOMAX AC900 series, a professional access control tool offers you the new experience with the innovation of combining the fingerprint verification and an optional function with RFID Card system.

SOMAX AC900 series also provides security control alarm system to prevent any unauthorized dismantle of the reader.

With the features on the combination of fingerprint and card system in SOMAX AC900 series and together with the alarm system, any unauthorized entries or unwanted intruders can now be avoided to enhance the highest protection for your organization and premises.

### Specification

Templates	3000
Transactions	100000
Matching	1:N up to 3000 templates
Verification	≤ 1 second
Ver. Type	FP, Card, Pin code (And/Or)
Identification	≤ 2 seconds
FRR	≤ 1%
FAR	≤ 0.001%
LCD	4 lines, 16 characters each line Graphic Display LCD
Oper. Temp	105 F (0-42 C)
Relay Output	12V DC, 3A
Port	RS 232/RS 485 - Ethernet 10/100 - USB
Oper. Voltage	12V DC
Idle Current	60 mA
Oper. Current	450 mA
Length	7.3 inches / 185mm
Width	3.3 inches / 85mm
Depth	1.45 inches / 37mm

### Key Features

#### Fingerprint

Enrolled fingerprints are stored in the system and through the fingerprint reader; user can be verified with the presence of their genuine fingerprint.

#### RF Card

RFID Card system as an alternative verification method, a combination of fingerprint, proximity card and password identification methods are available in SOMAX F320C series for user's comfort.

#### TCP/IP Method

SOMAX AC900 series installed with TCP/IP as a communicator between reader and computer that supports real-time data transfer for easy and efficient data management.

#### Smart Recognition Algorithm

Manage one-to-one (1:1) and one-to-many (1:N) verifications of maximum 3,000 templates. SOMAX F320C series allows 360o rotation fingerprint placement with less than 2 seconds for identity authentication.

#### High performance CPU

32BIT Intel CPU for fast and sufficient process.

#### Linux O/S

Embedded with advanced Linux Operation System which can operate consecutively for 24 hours with reliable and stable performance.

#### Authentication

Multi-Verification methods of 15 different combinations with Fingerprint, Card with Password or ID with Password, or a combination of all to enhance security protection.

#### Wiegand in & out

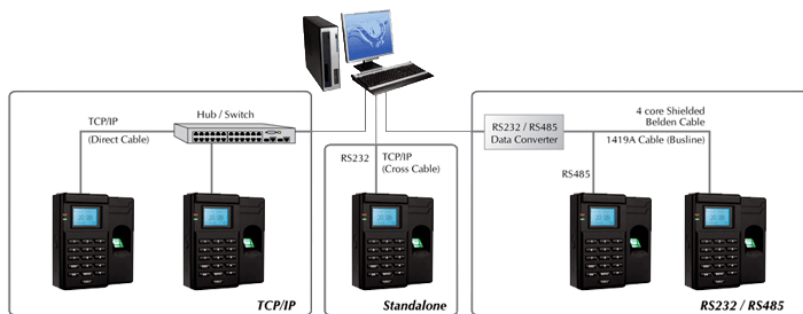
Wiegand in & out communication with any third party readers or door access controllers

#### High speed USB data transfer

USB Host/Client for easy and sufficient data exchange between reader and reader/computer.

#### System Communication

*for illustration only*



#### Installation Diagram

*for illustration only*

