## Product Overview

Experience the simplicity for RFID technology in door access with SOMAX AC800 series Door Access Control system.

SOMAX AC800 series is pickproof as it has no keyholes, together with the built-in alarm system.

SOMAX AC800 series will automatically activate if door is forcefully entered or with illegal dismantle of the reader.

SOMAX AC800 series allows a maximum data storage up to 30,000 individuals; each individual's data were stored in the each card where access will not be acquired without presentation of the RF card.

SOMAX AC800 series is made user-friendly and reliable that offers the protection you required.

## Specification

| | |
|---|---|
| Card Holder | 30000 |
| Transactions | 100000 |
| RF Reader | 125 KHz ID Card |
| Verification | 30 ms |
| 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 |
| Alarm Control | NO & NC |
| Oper. Voltage | 12V DC |
| Idle Current | 60 mA |
| Oper. Current | 450 mA |

## Key Features

**TCP/IP Method**
SOMAX AC800 series installed with TCP/IP as a communicator between reader and computer that supports real-time data transfer for easy and efficient data management.

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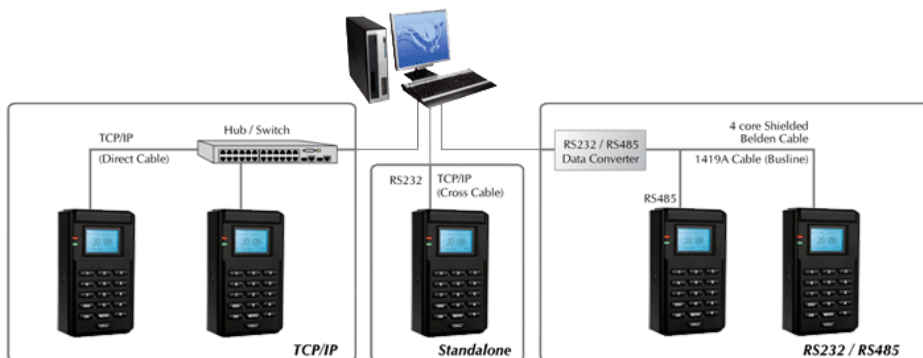
**Wiegand in & out**
Wiegand in & out communication with any third party readers or door access controllers

**High speed USB data transfer**
USB Host/Client for easy and sufficient data exchange between reader and reader/computer.
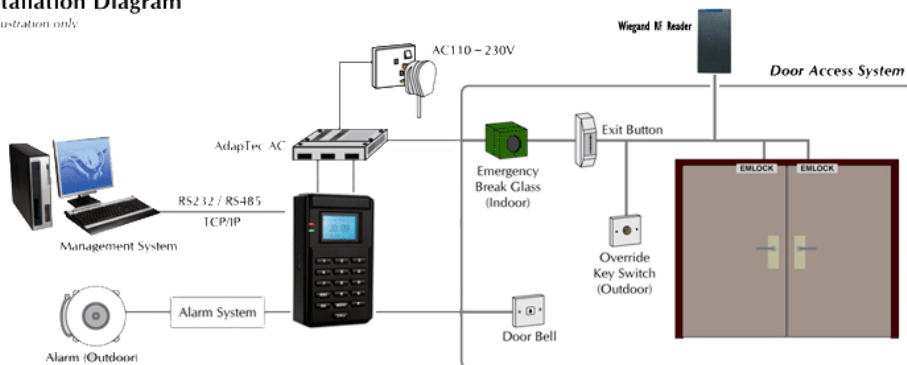
## System Communication
for illustration only



## Installation Diagram
for illustration only



## AC610 RF Reader

- Read range up to 10 cm
- Wiegand format 26 bits, RS232 ,RS485 format available
- Fire Proof frame
- Wall mount
- PSK , ASK modulation
- 100% water proof
- Solid epoxy potted
- Reserve power polarity protection
- Reading time 30 ms
- External led control input
- Color dark pearl gray
- 2 color led (red and green), PIEZO buzzer
- External buzzer control input