AC800 Access Control
RF Card & Pin Code Readers

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

<table>
<thead>
<tr>
<th>Key Features</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Card Holders</td>
<td>30000</td>
</tr>
<tr>
<td>Transactions</td>
<td>100000</td>
</tr>
<tr>
<td>RF Reader</td>
<td>125 KHz ID Card</td>
</tr>
<tr>
<td>Verification</td>
<td>30 ms</td>
</tr>
<tr>
<td>LCD</td>
<td>4 lines, 16 characters each line Graphic Display LCD</td>
</tr>
<tr>
<td>Oper. Temp</td>
<td>105 F (0-42 C)</td>
</tr>
<tr>
<td>Relay Output</td>
<td>12V DC, 3A</td>
</tr>
<tr>
<td>Alarm Control</td>
<td>RS 232/RS 485 - Ethernet 10/100 - USB</td>
</tr>
<tr>
<td>Oper. Voltage</td>
<td>12V DC</td>
</tr>
<tr>
<td>Idle Current</td>
<td>60 mA</td>
</tr>
<tr>
<td>Oper. Current</td>
<td>450 mA</td>
</tr>
</tbody>
</table>

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.

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