



**Industrialized Design, Reliable,
Multi-functional and Environment Protective**

ASI-8920/30 series are newly developed integrated access control system. The series adopt fashionable design and advanced international design ideology. Moreover, the low power consumption design saves more than 40% of power consumption. The series received wide recognition home and abroad.

ASI-8920/30 series encompass built-in EM/Mifare reader. It is easy to install and convenient to use. More than 30 kinds of functions can be realized through keypad manipulation, including card management, password configuration and work mode etc. The series can also be employed with ASC-8900 series to realize more functions.

Product Features

- ◆ Large-scale and advanced SMT production avoids possible defects resulted from manual soldering
- ◆ Optimum and neat design, energy-saving and environment protective
- ◆ Triple anti-thunder design, with TVS and relay protection
- ◆ Ferro-electrical storage chip and most advanced storage technology ensure safe data read/write over billions of times
- ◆ Apply highly reliable circuit design and highly qualified components which ensures product reliability and stability for long time usage
- ◆ Easy installation, independent working mode without connection to computers
- ◆ Low-power consumption design, saving more than 40% of power consumption

Product Functions

- ◆ **LCD Display**
Two rows of LCD display in English interface, real-time data and time display; name and ID number of card holder displayed during reading.
- ◆ **Anti-follow up and anti-illegal reentry**
Prevent follow up or preset entering route
- ◆ **Door-open indication**
If the door is open for duration longer than preset time (0~255s), the device will initiate warning via buzzer or management computer
- ◆ **Threaten code alarm**
If the card holder opens the door in case of being threatened (For Example by criminals), the card holder can initiate alarm by inputting threaten code; the device will further send alarm signal to control center
- ◆ **Door-open with multiple cards (2≤card number≤4)**
The door will only be opened when several cards were read within a preset time
- ◆ **1st card confirmation or remote open**
After card holder taps the reader by card, card information will be sent to control center; the control center will check the authentication and send order to device via LAN or WAN
- ◆ **Multiple identification technology**
Non-contact ID/IC card and biometrical identification
- ◆ **Anti-disassemble alarm**
Anti-disassemble alarm will be initiated by buzzer or control center

Instant Voltage Protection Function

- ◆ All input/output equipped with instant voltage protection
- ◆ All electric locks equipped with instant over-voltage and short protection
- ◆ All output powers are equipped with short protection and isolated from main control board power
- ◆ Clamp voltage and relay protection

Safe Protection

- ◆ RS485 network communication adopts the most advanced anti-thunder technology which can endure thunder of over 10 thousand voltages

Network Communication

- ◆ One RS485 network communication interface, one serial port can be connected to 32 access controllers
- ◆ Total length of network can reach 1200 m
- ◆ Communication rate is 4800/9600 bps
- ◆ Support 10 serial ports

Off-line Keypad Operation

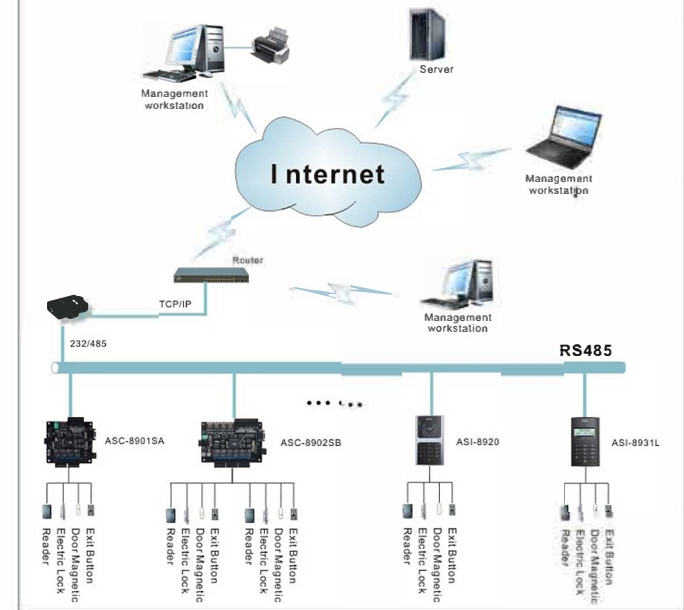
- ◆ Automatically add cards and add cards in certain order
- ◆ Change administrator password
- ◆ Change user password
- ◆ Delete all cards, card in certain order, or single card
- ◆ Preset mode of door-open: card, password, or card plus password

Product Parameters

Model	ASI-8920	ASI-8930L	ASI-8921	ASI-8931L
Tech Spec				
Card Type	EM Card(ID)		Mifare Card(IC)	
LCD Display	NO	YES	NO	YES
Reading Distance	5~15cm		2~10cm	
Control Mode	One door uni/bi directional			
Processor	8-digit processor, 512K storage			
Number of Reader Connectable	One			
Card Capacity	10000 cards/8 passwords			
Off-line Storage Info	20000pcs			
Exit Button Connectable	One			
Communication Interface	RS232/485 TCP/IP			
Working Voltage	9~15V DC			
Working Current	100mA			
Working Humidity	-10~+55°C			
Product Color	Gray		Black	
Product Size	150×88×22mm			

* Weight and Size are Only Approximation and May be Modified Without Prior Notification.

System Illustration



Product Pictures



Areas of Application

- Intelligent building, office building, factories;
- Governmental offices, R&D institutes, Business buildings;
- Telecommunication base stations, non-attendance bank;
- Intelligent residential areas, homes;
- Financial organizations, equipment rooms;
- Storages for valuable items;

Note: Please carefully read User Manual before usage

For detailed specification and functions, please refer to User Manual; in case of inconsistency, the content in User Manual should be kept.

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