



### Fingerprint Standalone



**ASI1212A/ASI1212A-D** 

#### **Features**

- > Touch keyboard and LCD display
- > Voice prompt
- > Support 30,000 valid cards & 150,000 records
- > Support multiple cards(default IC card) ("-D" means ID EM card)
- > Support card, password, fingerprint and combination
- > TCP/IP or RS-485 interface to PC
- > Wiegand or RS-485 interface to readers
- > Door time out alarm, intrusion alarm, duress alarm and tamper alarm
- > Anti-pass back, multi-card open
- > Software attendance
- > Support 128 efficient time and holiday schedules
- > Watch dog function ensure device free from halting



# **ASI1212A/ASI1212A-D**

## **Technical Specifications**

System           Main Processor         32 Bit           Memory         16M           Input/Output Ports         Input           Input         Door sensor x 1, Exit button x 1, Alarm input x 1           Output         Relay x 4 (Door lock, Bell, Alarm x 2)           Reader         Reader x 1           Card Read         Read Format           Read Range         3-8cm (max.)           Response Time         <0.1s           Fingerprint Read           Response Time         <0.5s           Recognition Time         <0.5s           FAR         <0.00004%           FRR         <0.15%           Capacity         Capacity           Cardholders/Events         30,000/150,000           Fingerprint         4500           Fingerprint         4500           Function           D Setting         Using friendly CMS or command by keypad           User Management         General, VIP, Guest, Patrol, Black list, Force           Alarm Function         Door time out alarm, Intrusion alarm, Duress alarm, Tamper alarm           Schedule Setting         Support 128 groups of schedule, 128 groups of period and 128 groups of holiday period           Interface <td< th=""><th>Model</th><th>ASI1212A/ASI1212A-D</th></td<>	Model	ASI1212A/ASI1212A-D	
Memory     Input/Output Ports       Input     Door sensor x 1, Exit button x 1, Alarm input x 1       Output     Relay x 4 (Door lock, Bell, Alarm x 2)       Reader     Reader x 1       Card Read       Read Format     13.56MHz(Mifare)/125KHz("-D" EM, Optional)       Read Range     3-8cm (max.)       Response Time     < 0.1s	System		
Input/Output Ports  Input Door sensor x 1, Exit button x 1, Alarm input x 1 Output Relay x 4 (Door lock, Bell, Alarm x 2) Reader Reader x 1  Card Read  Read Format 13.56MHz(Mifare)/125KHz("-D" EM, Optional) Read Range 3-8cm (max.) Response Time < 0.1s  Fingerprint Read Response Time	Main Processor	32 Bit	
Input Door sensor x 1, Exit button x 1, Alarm input x 1 Output Relay x 4 (Door lock, Bell, Alarm x 2) Reader Reader Reader x 1  Card Read  Read Format 13.56MHz(Mifare)/125KHz("-D" EM, Optional) Read Range 3-8cm (max.) Response Time      3-8cm (max.) Response Time	Memory	16M	
Output         Relay x 4 (Door lock, Bell, Alarm x 2)           Reader         Reader x 1           Card Read         Read Format           Read Format         13.56MHz(Mifare)/125KHz("-D" EM, Optional)           Read Range         3-8cm (max.)           Response Time         < 0.1s           Fingerprint Read           Recognition Time         ≤ 0.5s           FAR         < 0.00004%           FRR         < 0.05%           Capacity           Cardholders/Events           Fingerprint         4500           Finettion           User Management         Using friendly CMS or command by keypad           User Management         General, VIP, Guest, Patrol, Black list, Force           Alarm Function         Door time out alarm, Intrusion alarm, Duress alarm, Tamper alarm         Support 128 groups of schedule, 128 groups of period and 128 groups of holiday period           Interface           To PC         RJ45(10/100M)/RS485           To Reader         Wiegand/ RS485           Genreal         Yes           Voice Prompt         Yes           Beep Tone         Buzzer           LCD Display         Sensitive touch keypad with blue backlight	Input/Output Ports		
Reader     Reader x 1       Card Read       Read Format     13.56MHz(Mifare)/125KHz("-D" EM, Optional)       Read Range     3-8cm (max.)       Response Time     <0.1s	Input	Door sensor x 1, Exit button x 1, Alarm input x 1	
Card Read       Read Format     13.56MHz(Mifare)/125KHz("-D" EM, Optional)       Read Range     3-8cm (max.)       Response Time     <0.1s	Output	Relay x 4 (Door lock, Bell, Alarm x 2)	
Read Format     13.56MHz(Mifare)/125KHz("-D" EM, Optional)       Read Range     3-8cm (max.)       Response Time     <0.1s	Reader	Reader x 1	
Read Range       3-8cm (max.)         Response Time       <0.1s	Card Read		
Fingerprint Read         Response Time       ≪0.5s         Recognition Time       ≪1.5s         FAR       ≪0.00004%         FRR       ≪0.15%         Cardholders/Events         Fingerprint       4500         Function         ID Setting       Using friendly CMS or command by keypad         User Management       General, VIP, Guest, Patrol, Black list, Force         Alarm Function       Door time out alarm, Intrusion alarm, Duress alarm, Tamper alarm         Schedule Setting       Support 128 groups of schedule, 128 groups of period and 128 groups of holiday period         Interface         To PC       RJ45(10/100M)/RS485         To Reader       Wiegand/ RS485         Genreal         RTC       Yes         Voice Prompt       Yes         Beep Tone       Buzzer         LCD Display       Sensitive touch keypad with blue backlight         Ingress protection       IP55         Power Supply       9-15DC/200mA         Working Environment       -5°C-+55°C         Working Humidity       ≪95%         Dimension(W×D×H)       158m*191m*32mm	Read Format	13.56MHz(Mifare)/125KHz("-D" EM, Optional)	
Fingerprint Read           Response Time         ≤0.5s           Recognition Time         ≤1.5s           FAR         <0.00004%	Read Range	3-8cm (max.)	
Response Time	Response Time	<0.1s	
Recognition Time       ≤1.5s         FAR       ≤0.00004%         FRR       ≤0.15%         Capacity         Cardholders/Events       30,000/150,000         Fingerprint       4500         Function         ID Setting       Using friendly CMS or command by keypad         User Management       General, VIP, Guest, Patrol, Black list, Force         Alarm Function       Door time out alarm, Intrusion alarm, Duress alarm, Tamper alarm         Schedule Setting       Support 128 groups of schedule, 128 groups of period and 128 groups of holiday period         Interface         To PC       RJ45(10/100M)/RS485         To Reader       Wiegand/ RS485         Genreal         RTC       Yes         Voice Prompt       Yes         Beep Tone       Buzzer         LCD Display       Sensitive touch keypad with blue backlight         Ingress protection       IP55         Power Supply       9-15DC/200mA         Working Environment       -5°C-+55°C         Working Humidity       ≤95%         Dimension(W×D×H)       158mm*191mm*32mm	Fingerprint Read		
FAR	Response Time	≤0.5s	
FRR       ≤0.15%         Capacity       30,000/150,000         Fingerprint       4500         Function         ID Setting       Using friendly CMS or command by keypad         User Management       General, VIP, Guest, Patrol, Black list, Force         Alarm Function       Door time out alarm, Intrusion alarm, Duress alarm, Tamper alarm         Support 128 groups of schedule, 128 groups of period and 128 groups of holiday period         Interface         To PC       RJ45(10/100M)/RS485         To Reader       Wiegand/ RS485         Genreal         RTC       Yes         Voice Prompt       Yes         Beep Tone       Buzzer         LCD Display       Sensitive touch keypad with blue backlight         Ingress protection       IP55         Power Supply       9-15DC/200mA         Working Environment       -5°C-+55°C         Working Humidity       ≤95%         Dimension(W×D×H)       158mm*191mm*32mm	Recognition Time	≤1.5s	
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Cardholders/Events       30,000/150,000         Fingerprint       4500         Function       ID Setting       Using friendly CMS or command by keypad         User Management       General, VIP, Guest, Patrol, Black list, Force         Alarm Function       Door time out alarm, Intrusion alarm, Duress alarm, Tamper alarm         Support 128 groups of schedule, 128 groups of period and 128 groups of holiday period         Interface         To PC       RJ45(10/100M)/RS485         To Reader       Wiegand/ RS485         Genreal         RTC       Yes         Voice Prompt       Yes         Beep Tone       Buzzer         LCD Display       Sensitive touch keypad with blue backlight         Ingress protection       IP55         Power Supply       9-15DC/200mA         Working Environment       -5°C-+55°C         Working Humidity       ≤95%         Dimension(W×D×H)       158mm*191mm*32mm	FRR	≤0.15%	
Fingerprint 4500  Function  ID Setting Using friendly CMS or command by keypad  User Management General, VIP, Guest, Patrol, Black list, Force  Alarm Function Door time out alarm, Intrusion alarm, Duress alarm, Tamper alarm  Schedule Setting Support 128 groups of schedule, 128 groups of period and 128 groups of holiday period  Interface  To PC RJ45(10/100M)/RS485  To Reader Wiegand/ RS485  Genreal  RTC Yes  Voice Prompt Yes  Beep Tone Buzzer  LCD Display Sensitive touch keypad with blue backlight  Ingress protection IP55  Power Supply 9-15DC/200mA  Working Environment -5°C-+55°C  Working Humidity ≤95%  Dimension(W×D×H) 158mm*191mm *32mm	Capacity		
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Interface  To PC RJ45(10/100M)/RS485  To Reader Wiegand/ RS485  Genreal  RTC Yes  Voice Prompt Yes  Beep Tone Buzzer  LCD Display Sensitive touch keypad with blue backlight  Ingress protection IP55  Power Supply 9-15DC/200mA  Working Environment -5°C-+55°C  Working Humidity ≤95%  Dimension(W×D×H) 158mm*191mm *32mm	Alarm Function	Door time out alarm, Intrusion alarm, Duress alarm, Tamper alarm	
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Genreal   RTC Yes   Voice Prompt Yes   Beep Tone Buzzer   LCD Display Sensitive touch keypad with blue backlight   Ingress protection IP55   Power Supply 9-15DC/200mA   Working Environment -5°C-+55°C   Working Humidity ≤95%   Dimension(W×D×H) 158mm*191mm *32mm			
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Dimension(W×D×H) 158mm*191mm *32mm			
	Weight	0.7Kg	



### **ASI1212A/ASI1212A-D**

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\*Design and specifications are subject to change without notice.

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