

## Intelligent Time & Attendance Recorder

SS601 Series Intelligent Time & Attendance Recorder is the unit with LCD Screen display, it can display users' name, card number etc on card punch. SS601 Series Time & Attendance Recorder is suitable for recording employee's attendance. Records can be collected from the recorder and saved in PC over RS485 network/LAN at any time or in real time. Attendance reports can be prepared with T & A software on daily/weekly/monthly basis. Main advantages of these recorders are convenient installation, quick cardpunch response time, and minimum card punching failure. Beside Time & Attendance recording these recorders can be used for simple access control purpose also. SS601 series recorder has provision to connect one external wiegand reader to eliminate the use of exit button.

### ● Highlighting Features

Supporting Card Type	EM /Proximity card (E series) Mifare / Smart card (M series)
Working mode	Card only, card+ password, user Id + password
Reading Distance	40 to 100 mm (E series) 20 to 50 mm (M series)
Response time	<0.1Second
Display Indication	LCD display Sound & Light indication

### ● Technical Specification

Operating Voltage	9V to 35 V DC
Operating frequency	125 KHz (E series)/13.5 MHz (M Series)
User capacity	6100
Storage capacity	47000
Current Consumption	30 ~ 120 mA (without lock output)
Relay O/P drive for lock	12 V DC, 2A max
Communication mode	RS485, 4800 ~ 38400 BPS or TCP/IP (- IP models)
Operating Temperature	-10°C ~ 60° C
Humidity	20% ~ 95%
Dimension	SS601B E/M: L109xW145xH24.5 mm SS601G E/M: L160xW120xH28 mm

### ● Available models:

**SS601BE:** Intelligent Time & Attendance recorder with inbuilt EM card reader and RS485 communication  
**SS601BM:** Intelligent Time & Attendance recorder with inbuilt Mifare card reader and RS485 communication  
**SS601GE:** Intelligent Time & Attendance recorder with inbuilt EM card reader and RS485 communication  
**SS601GM:** Intelligent Time & Attendance recorder with inbuilt Mifare card reader and RS485 communication  
**SS601GE-IP:** Intelligent Time & Attendance recorder with inbuilt EM card reader and TCP/IP communication  
**SS601GM-IP:** Intelligent Time & Attendance recorder with inbuilt Mifare card reader and TCP/IP communication



## SS101 Series Card Reader

**SS101** series inductive card reader posses the standard Wiegand 26BIT/44BIT output format and extensive compatibility. These card readers can be used with any door controller supporting wiegand input. Main advantages of these readers are convenient installation, quick cardpunch response time, and minimum card punching failure.

### ● Highlighting Features

Supporting Card Type	EM /Proximity card (E series) Mifare / Smart card (M series)
Working mode	SS101C, SS101B, SS101H : Card only SS101F & SS101J : Card, Card+password, ID+password
Reading Distance	40 to 100 mm (E series) 20 to 50 mm (M series)
Response time	<0.1Second
Transmission distance	Upto 200 meter
Indication	Sound & Light indication

### ● Technical Specification

Operating Voltage	9V to 15 V DC
Operating frequency	125 KHz (E series)/13.5 MHz (M Series)
Current Consumption	30 ~ 120 mA
Output data format	Wiegand 26 BIT (Standard) Wiegand 44 BIT (Optional)
Operating Temperature	-10° ~ 60° C
Humidity	20% ~ 98%
Dimension	SS101C E/M : L114xW75xH20 mm SS101B E/M: L121xW45xH21 mm SS101HE : L80xW43xH13 mm SS101F E/M : L109xW87xH32 mm SS101J E/M : L128xW95xH25 mm

### ● Available models:

**SS101BE, SS101CE, SS101HE:** EM/Proximity card reader with wiegand output  
**SS101BM, SS101CM:** Mifare/Smart card reader with wiegand output  
**SS101FE:** EM/Proximity keypad card reader with wiegand output  
**SS101FM:** Mifare/Smart keypad card reader with wiegand output  
**SS101JE:** EM/Proximity keypad card reader with wiegand output and LCD display  
**SS101JM:** Mifare/Smart keypad card reader with wiegand output and LCD display  
**SS101JEM:** Proximity and Mifare keypad card reader with wiegand output and LCD display



## Single/Multi Door Access Controller

SS201D series is a multi function 1/2/4 door access controller. It can be interfaced easily with any standard Wiegand card reader (EM/MIFARE/HID) to make a complete access control system. In addition of controlling the lock this controller can also be integrated with door magnetism, fire alarm system, infrared detector etc. Beside access control this can be used for attendance purpose also with Time & Attendance software. It comes with in built AC - DC converter hence works directly with AC mains.

### ● *Highlighting Features*

- Provision for connecting 2 wiegand readers for each door
- Multiple input connection (door magnet, IR sensor, Exit button, fire alarm etc.) for each door
- Multiple output connection for connecting NO/NC type lock, alarm etc for each door
- Remote door open from computer over network

### ● *Technical Specification*

User Capacity	1700 for single door controller 14500 for double & four door controller
Storage capacity	6100 for single door controller 32500 for double & four door controller
Reader compatibility	Any wiegand 26/44 BIT reader (EM/Mifare/HID)
Reader capacity	Max 2 nos for single door controller Max 4 no for double door controller Max 8 no for four door controller
Lock Capacity	One for single door controller Two for double door controller Four for four door controller
Operating voltage	7 ~ 35 VDC, 220VAC with inbuilt AC- DC converter
Communication Interface	Wiegand for connecting card reader RS485 or TCP/IP for connecting into network/Computer
Working Temperature	-10° ~ 60° C
Relative Humidity	5% ~ 98%
Data retention	10 years after power OFF
Dimension	L300mm×W220mm×H73mm (packed in Iron box)

### ● *Available models:*

- SS201D1:** Single door controller with RS485 communication
- SS201D1-IP:** Single door controller with TCP/IP communication
- SS201D2:** Double door controller with RS485 communication
- SS201D2-IP:** Double door controller with TCP/IP communication
- SS201D4-W:** Four door controller with RS485 communication
- SS201D4-W-IP:** Four door controller with TCP/IP communication



## Single Door Access Controller with inbuilt proximity card reader

SS201J series is a basic single door access controller with inbuilt proximity card reader. SS201J series controller has provision to connect one external wiegand reader to eliminate the use of exit button. Main advantages of these controllers are convenient installation, quick cardpunch response time, and minimum card punching failure.

### • Highlighting Features

Supporting Card Type	EM /Proximity card
Working mode	Card only, card+ password, user Id + password
Reading Distance	40 to 100 mm
Response time	<0.1Second
Indication	Sound & Light indication

### • Technical Specification

Operating Voltage	7V to 35 V DC
Operating frequency	125 KHz
User capacity	500
Storage capacity	1000
Current Consumption	30 ~ 120 mA (without lock output)
Relay O/P drive for lock	12 V DC, 2A max
Communication mode	SS201JE: RS485, 4800 ~ 38400 BPS SS201JE IP: TCP/IP
Operating Temperature	-10° ~ 60° C
Humidity	20% ~ 95%
Dimension	L145×W109×H30.(mm)

### • Available models:

**SS201JE:** Single door access controller with inbuilt proximity card reader, RS485 communication  
**SS201JE - IP:** Single door access controller with inbuilt proximity card reader, TCP/IP communication



## Single Door Non networking Access Controller with inbuilt card reader

SS201H series is a simple non networking single door access controller with inbuilt card reader. Main advantages of these controllers are convenient installation, simple operation, quick cardpunch response time, and minimum card punching failure.

### • Highlighting Features

Supporting Card Type	EM /Proximity card (E series) Mifare / Smart card (M series)
Working mode	Card only, card+ password, user Id + password
Reading Distance	40 to 100 mm (E series) 20 to 50 mm (M series)
Response time	<0.1Second
Indication	Sound & Light indication

### • Technical Specification

Operating Voltage	9V to 15 V DC
Operating frequency	125 KHz (E series)/13.5 MHz (M Series)
User capacity	500
Storage capacity	1000
Current Consumption	30 ~ 120 mA (without lock output)
Relay O/P drive for lock	12 V DC, 2A max
Operating Temperature	-10° ~ 60° C
Humidity	20% ~ 95%
Dimension	L145×W109×H30.(mm)

### • Available models:

**SS201HE:** Single door non networking access controller with inbuilt proximity card reader  
**SS201HM:** Single door non networking access controller with inbuilt mifare card reader



## Single Door Access Controller with inbuilt card reader

SS201 series is an advanced multifunction single door access controller with inbuilt card reader. For ease of operation this controller has LCD display and keypad. Besides controlling the lock this controller can also be integrated with door magnetism, fire alarm system, infrared detector etc. SS201 series controller has provision to connect one external wiegand reader to eliminate the use of exit button. Main advantages of these controllers are convenient installation, quick cardpunch response time, and minimum card punching failure. Beside access control this controller can also be used for basic time attendance purpose also.

### ● Highlighting Features

Supporting Card Type	EM /Proximity card (E series) Mifare / Smart card (M series)
Working mode	Card only, card+ password, user Id + password
Reading Distance	40 to 100 mm (E series) 20 to 50 mm (M series)
Response time	<0.1Second
Display	2 line LCD display
Indication	Sound & Light indication

### ● Technical Specification

Operating Voltage	7V to 35 V DC
Operating frequency	125 Khz (E series)/13.5 MHz (M Series)
User capacity	2940
Storage capacity	11776
Current Consumption	30 ~ 120 mA (without lock output)
Relay O/P drive for lock	12 V DC, 2A max
Communication mode	RS485, 4800 ~ 38400 BPS
Operating Temperature	-10° ~ 60° C
Humidity	20% ~ 95%
Dimension	SS201B E/M: L109xW145xH24.5 mm SS201C E/M: L128xW95xH25 mm

### ● Available models:

**SS201BE, SS201CE:** Single door access controller with inbuilt proximity card reader

**SS201BM, SS201CM:** Single door access controller with inbuilt mifare card reader

