

SSA-S2000/S2000V/S1000/S1000V

Stand Alone Single Door Controller
Proximity & PIN Access Controller
Proximity & Access Controller

Key Features

SSA-S2000/S2000V

- 125KHz proximity & PIN access controller
- 512 users
- 1 ea of external reader port for exit : 26bit wiegand
- All I/Os and operation time programmable by keypad
- 5 independent inputs and 4 form C outputs
- Keypad locks and sends alarm after multiple wrong codes are entered.
- Toggle mode for door opening / closing
- Safe (default) / Secure mode available
- Lock control by door sensor
- Dual tamper switches
- Chime bell output
- 26bit wiegand output for reader mode
- SSA-S2000V : Vandal-resistant / Weatherproof (IP68)

SSA-S1000/S1000V

- 125KHz proximity access controller
- 512 users
- Direct control of door lock
- Power fail safe or power fail secure locks selectable
- Solid epoxy potted
- SSA-S1000 : Weatherproof (IP66)
- SSA-S1000V : Vandal-resistant / Weatherproof (IP68)



SSA-S2000

SSA-S2000V

SSA-S1000

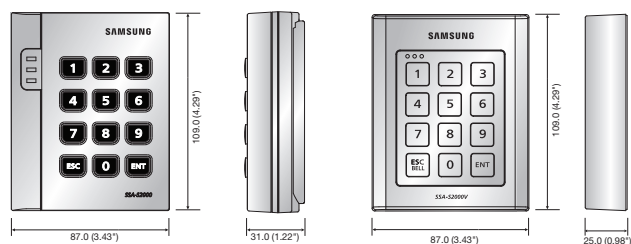
SSA-S1000V

Technical Specifications

SSA-S2000		SSA-S2000V
USER / EVENT BUFFERS		
Total ID Users	512 users	
AUTHENTICATION		
Method	RFID, PIN	
INPUT / OUTPUT		
Reader Port	1ea (26bit wiegand for exit)	
Input Port	5ea (Exit button, Door sensor, Aux#1, Aux#2, Aux#3)	
Output Port	2ea (2 form-C relay output / 12V ~ 18V DC, Rating max. 2A)	
	1ea (Chime bell output / 5V DC, Rating max. 500mA)	
	1ea (TTL output / 5V DC, Rating max. 20mA)	
LED Indicator	3 LED indicator (Red, Green, Yellow)	
Beeper	Piezo buzzer	
OPERATIONAL		
Frequency / Format	125KHz / Samsung	
Keypad	12key numeric keypad with back lighting	
ENVIRONMENTAL		
Operating Temperature	-30°C ~ +50°C (-22°F ~ +122°F)	
Operating Humidity	Less than 90% RH	
Ingress Protection	N/A	IP68
Vandal-Resistant	N/A	Yes
ELECTRICAL		
Input Voltage / Current	12V DC / Max. 110mA	
Power Consumption	Max. 1.5W	
MECHANICAL		
Color / Material	Silver and black / Polycarbonate	Silver and black / Polycarbonate & aluminum die casting
Dimensions (WxHxD)	87.0 x 109.0 x 31.0mm (3.43" x 4.29" x 1.22")	87.0 x 109.0 x 25.0mm (3.43" x 4.29" x 0.98")
Weight	220g (0.49 lb)	440g (0.97 lb) ±10g (0.02 lb)

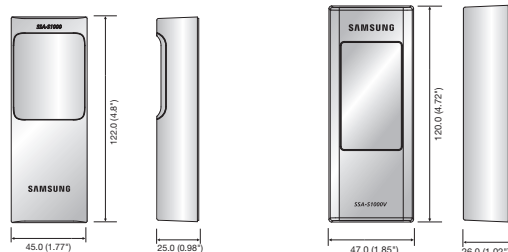
Dimensions

Unit : mm (inch)



SSA-S2000

SSA-S2000V



SSA-S1000

SSA-S1000V

	SSA-S1000	SSA-S1000V
USER / EVENT BUFFERS		
Total ID Users	512 users	
AUTHENTICATION		
Method	RFID	
INPUT / OUTPUT		
Input Port	3ea (Exit button, Door sensor, Lock type select)	
Output Port	2ea (TR output / 12 ~ 18V DC, Rating max. 2A lock output)	
LED Indicator	2LED indicator (Red, Green)	
Beeper	Piezo buzzer	
OPERATIONAL		
Frequency / Format	125KHz / Samsung	
ENVIRONMENTAL		
Operating Temperature	-20°C ~ +50°C (-4°F ~ +122°F)	
Operating Humidity	Less than 90% RH	
Ingress Protection	IP66	IP68
Vandal-Resistant	N/A	Yes
ELECTRICAL		
Input Voltage / Current	12V DC / Max. 110mA	
Power Consumption	Max. 1.5W	
MECHANICAL		
Color / Material	Silver and black / Polycarbonate	Silver and black / Polycarbonate & aluminum die casting
Dimensions (WxHxD)	45.0 x 122.0 x 25.0mm (1.77" x 4.8" x 0.98")	47.0 x 120.0 x 26.0mm (1.85" x 4.72" x 1.02")
Weight	130g (0.29 lb)	250g (0.55 lb) ±10g (0.02 lb)