

# SSA-R2000/R2001 R2000V/R2001V

Wiegand Compatible Reader  
Proximity / Smart Card / PIN Reader  
Vandal-Resistant / Proximity / Smart Card / PIN Reader



SSA-R2000/R2001



SSA-R2000V/R2001V

ACCESS CONTROL SYSTEM

## Key Features

### SSA-R2000/R2001

- 125KHz proximity / 13.56MHz contact-less smart card / EM and PIN reader
- 26bit wiegand, 4/8bit burst for PIN output format (Selectable)
- 12 numeric keypads with back lighting
- External LED control
- External buzzer control
- Tamper switch
- Wall mount (US, EU, Asian gang box size)
- Reverse polarity protection
- Compatible controller

### SSA-R2000V/R2001V

- 125KHz Proximity / 13.56MHz contact-less smart card and PIN reader
- Vandal-resistant & weather proof (IP68)
- Longer cable for flexible application (1m)
- 26/34bit wiegand, 8bit burst for PIN output format
- 12 numeric keypads with back lighting
- External LED control
- External buzzer control
- Tamper switch
- Wall mount (US, EU, Asian gang box size)
- Reverse polarity protection
- Compatible controller

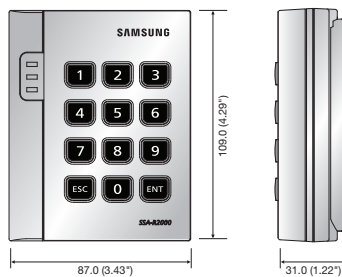
## Technical Specifications

	SSA-R2000	SSA-R2001
<b>AUTHENTICATION</b>		
Method	RFID, PIN	
<b>INPUT / OUTPUT</b>		
Input Port	2ea (External LED control, External buzzer control)	
Output Port	26bit wiegand, 4/8bit burst for PIN (Selectable)	34bit wiegand, 4/8bit burst for PIN (Selectable)
LED Indicator	3 LED indicator (Red, Green, Yellow)	
Beeper	Piezo buzzer	
<b>OPERATIONAL</b>		
Frequency / Format	125KHz / Samsung	13.56MHz / MIFARE
Keypad	12key numeric keypad with back lighting	
<b>ENVIRONMENTAL</b>		
Operating Temperature	-30°C ~ +50°C (-22°F ~ +122°F)	-25°C to +50°C (-13°F ~ +122°F)
Operating Humidity	Less than 90% RH	
<b>ELECTRICAL</b>		
Input Voltage / Current	12V DC / Max. 95mA	12V DC / Max. 75mA
Power Consumption	Max. 1.2W	Max. 1.0W
<b>MECHANICAL</b>		
Color / Material	Silver and black / Polycarbonate	
Dimensions (WxHxD)	87.0 x 109.0 x 31.0mm (3.43" x 4.29" x 1.22")	
Weight	160g (0.49 lb)	

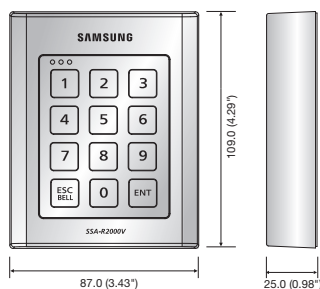
## Dimensions

Unit : mm (inch)

SSA-R2000/R2001/R2003



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Input Port	2ea (External LED control, External buzzer control)	
Output Port	26bit wiegand, 4/8bit burst for PIN (Selectable)	34bit wiegand, 4/8bit burst for PIN (Selectable)
LED Indicator	3 LED indicator (Red, Green, Yellow)	
Beeper	Piezo buzzer	
<b>OPERATIONAL</b>		
Frequency / Format	125KHz / Samsung	13.56MHz / MIFARE
<b>ENVIRONMENTAL</b>		
Operating Temperature	-20°C ~ +50°C (-4°F ~ +122°F)	
Operating Humidity	100%	
Ingress Protection	IP68	
Vandal-Resistant	Yes	
<b>ELECTRICAL</b>		
Input Voltage / Current	12V DC / Max. 100mA	
Power Consumption	Max. 1.2W	Max. 1.0W
<b>MECHANICAL</b>		
Color / Material	Silver and black / Polycarbonate & aluminum die casting	
Dimensions (WxHxD)	87.0 x 109.0 x 25.0mm (3.43" x 4.29" x 0.98")	
Weight	350g (0.77 lb) ±10g (0.02 lb)	