

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

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

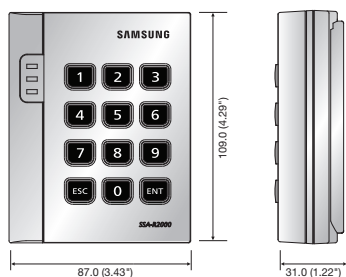
Technical Specifications

	SSA-R2000	SSA-R2001
AUTHENTICATION		
Method	RFID, PIN	
INPUT / OUTPUT		
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	
OPERATIONAL		
Frequency / Format	125KHz / Samsung	13.56MHz / MIFARE
Keypad	12key numeric keypad with back lighting	
ENVIRONMENTAL		
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	
ELECTRICAL		
Input Voltage / Current	12V DC / Max. 95mA	12V DC / Max. 75mA
Power Consumption	Max. 1.2W	Max. 1.0W
MECHANICAL		
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)	

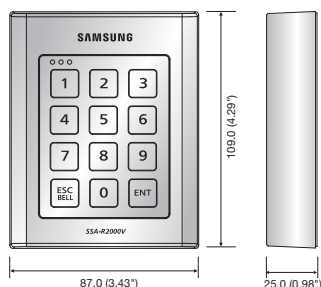
Dimensions

Unit : mm (inch)

SSA-R2000/R2001/R2003



SSA-R2000V/R2001V



	SSA-R2000V		SSA-R2001V	
AUTHENTICATION				
Method	RFID, PIN			
INPUT / OUTPUT				
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			
OPERATIONAL				
Frequency / Format	125KHz / Samsung		13.56MHz / MIFARE	
ENVIRONMENTAL				
Operating Temperature	-20°C ~ +50°C (-4°F ~ +122°F)			
Operating Humidity	100%			
Ingress Protection	IP68			
Vandal-Resistant	Yes			
ELECTRICAL				
Input Voltage / Current	12V DC / Max. 100mA			
Power Consumption	Max. 1.2W		Max. 1.0W	
MECHANICAL				
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)			