

Smart Access Control

Vandal Resistant Proximity/Smart Card + PIN Reader



SSA-R2000V/R2001V

The SSA-R2000V/R2001V are vandal resistant 125KHz Samsung / 13.56MHz MIFARE and touch keypad readers designed to be installed in a location and application where they may be subject to vandalism or tampering. These products are sealed in solid epoxy and aluminum enclosure, providing reliable indoor/outdoor performance and are water & dust proof (IP68).

- 125KHz Proximity - Samsung Format
- 13.56MHz MIFARE contactless Smart Card
- Vandal-resistant / Water & Dust proof (IP68)
- Longer cable for flexible application (1m)
- 26 bit Weigand / 34 bit Weigand output format
- 8 bit burst for PIN output format
- Numeric Keypad with backlighting
- External LED, Buzzer controls
- Tamper switch

Vandal Resistant Proximity / Smart Card + PIN Reader

SSA-R2000V/R2001V

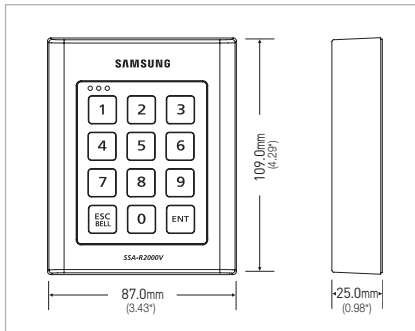


Specifications

	SSA-R2000V	SSA-R2001V
AUTHENTICATION		
Method	RFID, PIN	
INPUT / OUTPUT		
Input Port	2ea (External LED control, External buzzer control)	
Output Port	26bit wiegand, 8bit burst for PIN	34bit wiegand, 8bit burst for PIN
LED Indicator	3 LED indicator (Red, Green, Yellow)	
Beeper	Piezo buzzer	
OPERATIONAL		
Frequency / Format	125KHz / Samsung	13.56MHz / MIFARE
ENVIRONMENTAL		
Operating Temperature	-30°C ~ +50°C (-22°F ~ +122°F)	-25°C ~ +50°C (-13°F ~ +122°F)
Operating Humidity	Less than 90% RH	
Ingress Protection	IP68	
Vandal-Resistant	Yes	
ELECTRICAL		
Input Voltage / Current	12V DC / Max. 230mA	12V DC / Max. 150mA
Power Consumption	Max. 2.8W	Max. 1.8W
MECHANICAL		
Color / Material	Silver and black / Polycarbonate & aluminum die casting	
Dimensions (WxHxD)	87 x 109 x 25mm (3.43" x 4.29" x 0.98")	
Weight	350g(0.77lb) ± 10g(0.02lb)	

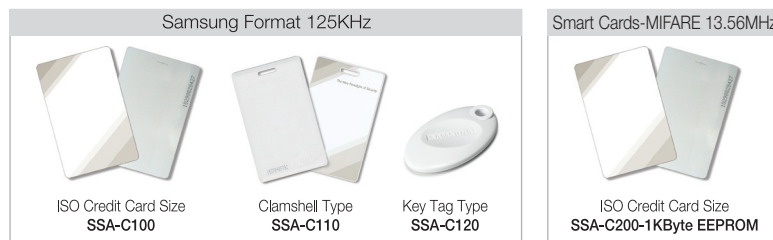
Dimensions

Unit : mm (inch)



Design and specifications are subject to change without notice.

Compatible Cards (Optional)



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.



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