

# SSA-R2001V operation description

1. After power supply to SSA-R2001V, buzzer sound is generated 3 times and it becomes standby status with turning the red LED on.
2. If the card is read after power supply to SSA-R2001V, the red LED is turned down and the green LED is turned on shortly, and it becomes to standby status with turning the red LED on.
3. After power supply to SSA-R2001V, if button is held down until becoming yellow and enter button is held down, input data via KEY-PAD is transmitted to the controller. And then it becomes standby status with turning only the red LED is on again.
4. After power supply to SSA-R2001V, if the white wire with red stripe is connected to the NO terminal of the controller and the GND wire is connected to the COM terminal of the controller, then the red LED is able to be controlled.
5. After power supply to SSA-R2001V, if the white wire with yellow stripe is connected to the NO terminal of the controller and the GND wire is connected to the COM terminal of the controller, then the green LED is able to be controlled.
6. After power supply to SSA-R2001V, if the blue wire with white stripe is connected to the NO terminal of the controller and the GND wire is connected to the COM terminal of the controller, then the orange LED is able to be controlled.
7. After power supply to SSA-R2001V, if the blue wire is connected to the NO terminal of the controller relay output, and the GND is connected to the COM terminal, and input/output setup is done, then buzzer sound is generated continuously.

Item	SSA-R2001V
Power / Current	DC 12V / Max.75mA
Reading Time (Card)	30ms
Input Port	2 ea : External LED Control, External Buzzer Control
Output Port	34bit Wiegand, 4/8bit Burst for PIN (Selectable)
LED Indicator	3 LED Indicators (Red, Green and Orange)
Beeper	Piezo Buzzer
Keypad	12 Key Numeric Keypad with Back Lighting
Operating Temperature	-25°C to +50°C
Operating Humidity	10% to 90% Relative Humidity Non-Condensing
Color / Material	Silver with Black/ Polycarbonate
Dimension (W x H x D(mm))	87.0 x 109.0 x 31.0
Weight	160g
RF Specifications	Frequency : 13.5605 MHz
	Modulation : ASK
	No. of Channels : 1CH
	Output : Less than 47.544 mV/m at a distance of 10m