

# **USER'S MANUAL**

## **STAR RFL200**

### **Proximity Access Controller**



**Revision : 02**

**Date : November 16, 2001**



# **IDTECK**

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## **1. Introduction**

The STAR RFL200 is an elegant looking and an attractive 4" read range proximity reader built-in Proximity Single Door Access Controller which can be mounted to metal door frame (mullion) or to any flat wall surface. The STAR RFL200 is epoxy potted that ensure you a successful operation even in harsh environments.

Two-color LED of green and red, inside Piezo buzzer sound will guarantee you an accurate and reliable Door Access Operations.

## **2. Identifying supplied parts**

Please unpack and check the contents of the box.



**Main Module**  
(1 ea)



**RFL200 Bezel**  
(1 ea)



**Card and Keytags**  
(1 ea + 5 ea)



**Instruction**  
(1 ea)

## **3. Specification**

Read Range	Up to 4"(10cm)
Number of User	128 Users with One Master Card
Door Open Time	5 seconds (fixed)
Lock Select	Power Fail Safe and Power Fail Secure
Lock Output	DC12V, 1A maximum
Request for Exit	Low active Exit Input
Reading Format	IDTECK 26 bit Wiegand format
LED/Beeper	2-Color LED (red and green) / Piezo Buzzer
Color	Dark Gray
Power	DC 12V, 150mA maximum
Operating Environment	-35 ~+65 (-31 ~ +149 ), 0~90% Humidity
Overall Size(WxHxD)	1.77"x3.35"x0.65"(45x85x16.5mm)
Weight	0.171lb(77.5g)

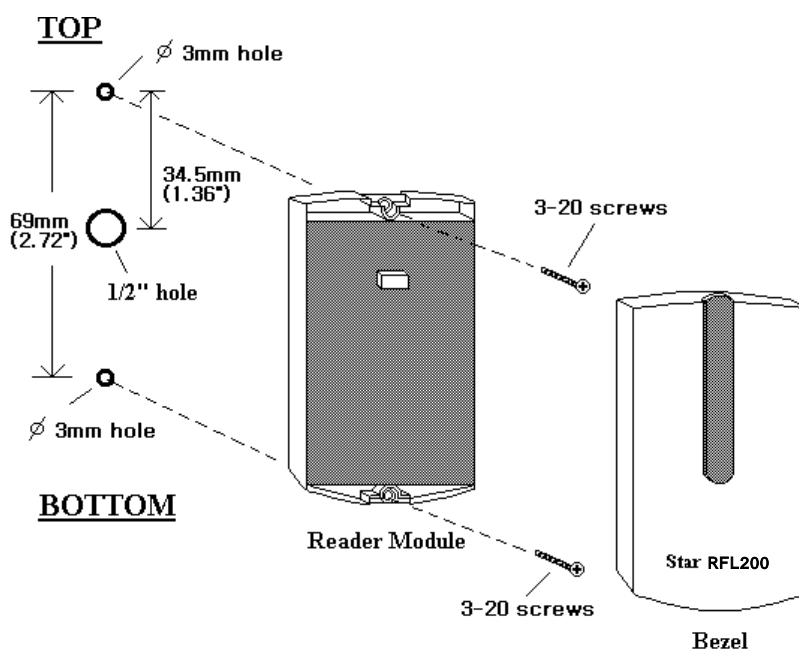
## **4. Installation**

### **4-1. Mullion/Wall Mount**

Drill two 3mm holes 2.72"(69mm) apart in vertical and drill one 1/2" hole for the controller cable 1.36"(34.5mm) apart from the top hole.

**4-2.** Put controller cable into the center hole and install the controller module by using two 3-20 screws.

**4-3.** Put bezel into the controller module then push bezel until you hear the locking sound.



**Mullion Mount / Wall Mount**

## **5. Wire Color Table of STAR RFL200**

### **POWER**

Power(DC 12V)	+12V	Red wire
Power(DC 12V)	0V(GND)	Black wire

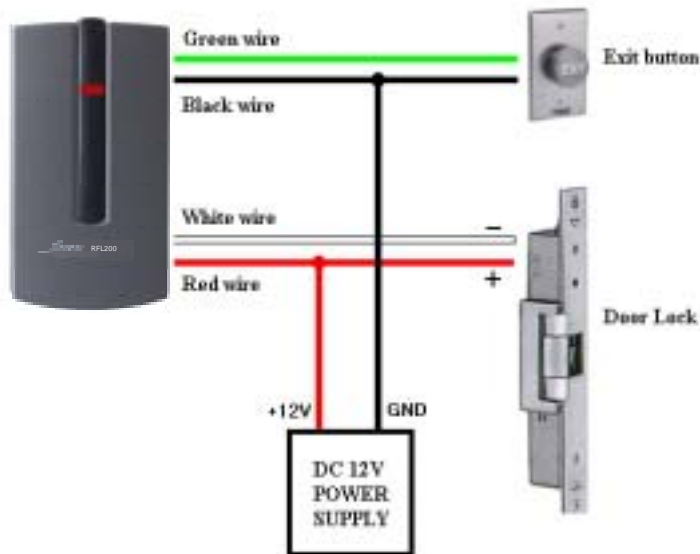
### **OUTPUT**

Lock control	DOORLOCK	White wire
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### **INPUT**

Lock Type	LOCKTYPE	Yellow wire
Exit control	EXIT	Green wire

## 6. Wire Connection of STAR RFL200



\* If you use “Power Fail Safe” Lock then connect Lock Type(Yellow wire) to Power GND(Black wire).

## 7. Operation

**7-1.** Apply power, Red LED will light. No sound.

**7-2.** Present proximity keytag to the RFL-100 until you hear beep sound, Green LED will light and door opens for 5 seconds.

**7-3.** Press EXIT button for exit, door opens for 5 seconds.

**7-4.** Register/Delete User’s Keytags:

Present Master Card. Green LED will light with 2 beeps sound.

Present keytags to be registered or deleted. LED will flash to Red once, 3 beep sound let you know the keytag is registered to the memory and 4 beep sound let you know the keytag is deleted from the memory.

Present Master Card again to finish Register/Delete Operation. Red LED will light with One long beep sound.

**7-5.** Erase all keytags and re-Register User’s Keytags:

**If you lost the keytag(s) and want to delete lost keytag(s), you have to erase all memory and re-Register User’s keytags.**

Present Master Card. Green LED will light with 2 beeps sound.

Present Master Card again. Red LED will light with one beep sound. (All memory erased)

Present Master Card. Green LED will light with 2 beeps sound.

Present keytags to be registered. LED will flash to Red once with 3 beeps sound.

Present Master Card again to finish re-Register Operation. Red LED will light with One long beep sound.

## **8. FCC REGISTRATION INFORMATION**

### **FCC REQUIREMENTS PART 15**

**Caution:** Any changes or modifications in construction of this device which are not expressly approved by the responsible for compliance could void the user's authority to operate the equipment.

NOTE: This device complies with **Part 15 of the FCC Rules**.

**Operation is subject to the following two conditions;**

1. This device may not cause harmful interface, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a **Class A Digital Device**, pursuant to **Part 15 of the FCC Rules**. These limits are designed to this equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the radio or television off and on, the user is encouraged to try to correct interference by one or more of the following measures.

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on another circuit.
4. Consult the dealer or an experienced radio/TV technician for help.

## **9. Warranty and Service**

The following warranty and service information applies only to the United States of America and Republic of Korea. For the information in other countries, please contact your local distributor.

To obtain in or out of warranty service, please prepay shipment and return the unit to the appropriate facility listed below.

### **IN THE UNITED STATES**

**RF LOGICS Inc. Service Center**  
**3026 Scott Blvd.,**  
**SANTA CLARA, CA95054**  
**Tel.: (408) 980-0001**  
**Fax.: (408) 980-8060**  
**E-mail: rflogics@rflogics.com**  
**Web-site: www.rflogics.com**

### **OUTSIDE OF THE UNITED STATES**

**ID TECK CO., LTD. Service Center**  
**5F Ace Techno Tower Bldg.,**  
**684-1 Deungchon-dong, Gangseo-gu,**  
**SEOUL 157-030, KOREA**  
**Tel.: +82 (2) 659-0055**  
**Fax.: +82 (2) 659-0086**  
**E-mail: webmaster@idteck.com**  
**Web-site: www.idteck.com**

Please use the original container, or pack the unit(s) in a sturdy carton with sufficient packing to prevent damage, include the following information:

1. A proof-of-purchase indicating model number and date of purchase.
2. Bill-to address
3. Ship-to address
4. Number and description of units shipped.
5. Name and telephone number of person to contact.
6. Reason for return and description of the problem.

**NOTE:** Damage occurring during shipment is deemed the responsibility of the carrier, and claims should be made directly to the carrier.