MODEL : STAR RF10
PROXIMITY READER

OWNER’S MANUAL

Please read this instruction manual carefully

Contents

IMPORTANT SAFETY INSTRUCTIONS

When using your door access controller, basing safety precautions should always be followed to reduce the risk of fire, electrical shock, and injury to persons including following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product
3. Do not use liquid cleaners, or aerosol cleaners. Use a damp cloth for cleaning. if necessary, use a mild soap.
4. Do not use this product near water, for example near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
5. This product should be operated only from the type of power source indicated on the marking label. if you are not sure of the type of power supply to your home, consult your dealer or local power company.
6. Never push objects of any kind into this product though the cabinet slots as they may touch voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
7. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified serviceman when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. incorrect reassembly can cause electric shock when the appliance is subsequently used.
8. Unplug this product from the wall outlet and refer to qualified service personnel under the following conditions:
   a. When the power supply cord or plug is damaged or frayed.
   b. If liquid has been spilled into the product
   c. If the product has exposed to rain or water.
   d. If the product doses not operate normally by following the operating instructions.
      Adjust only those controls, that are covered by the operating instructions. Improper adjustment of other controls in damage and will often require extensive work by a qualified technician to restore the to normal operation.
   e. If the product exhibit a distinct change in performance.

STAR RF10 Proximity Reader

1. General

The STAR RF10 is a new and an attractive 10cm read range Proximity Reader which can be used in various industrial applications.(Access control, Factory automation and extra) It supports Wiegand format and RS232C(option).

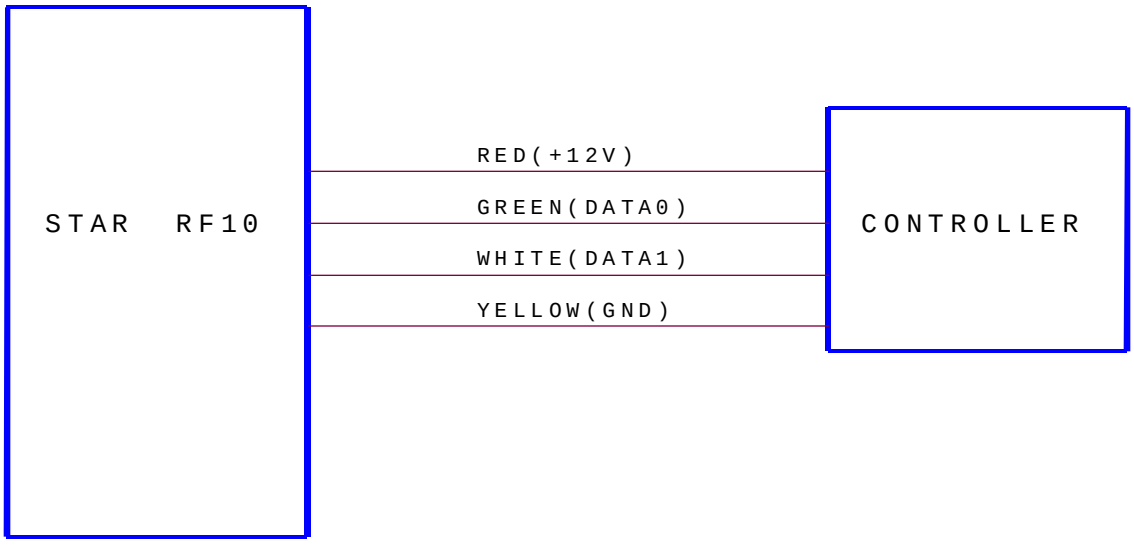
This proximity reader will ensure you its successful operations even in harsh environments (vandal proof). The elegant looking reader case is designed to match any interior decoration of ultramodern buildings.

Two color LEDs of green and red, inside digital buzzer sound will guarantee you an accurate system operation

2. Specification

.Input Voltage	: 12VDC
.Power	: 12VDC 60mA(Recommand linear power supply)
.Modulation	: PSK modulation
.Cabinet Color	: Dark Gray
.Output Formats	: 26 bits Wiegand, RS232C(Option)
.Operating Environment	: 0°C ~ 60°C , 10% ~ 90% humidity

3. Connection

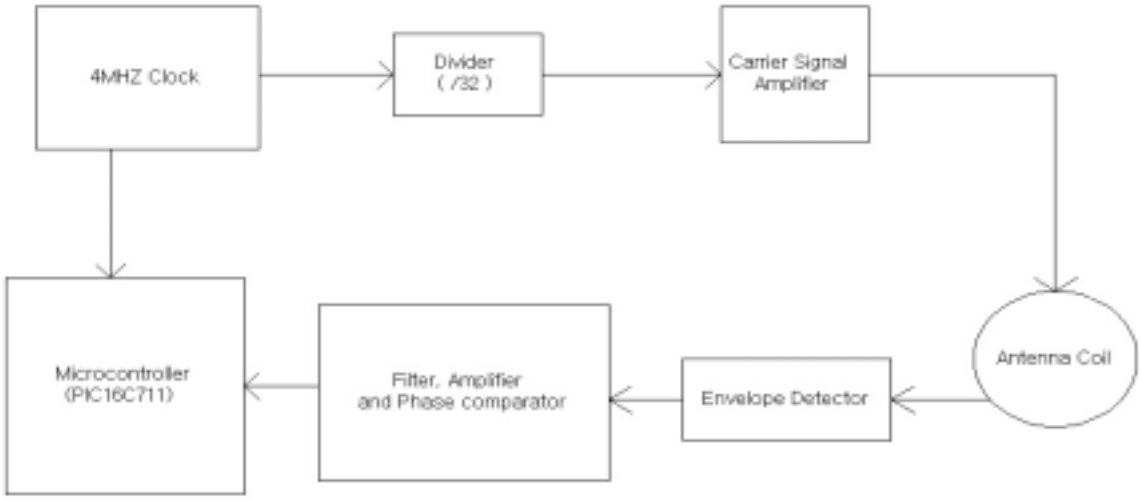


WIRE COLOR TABLE

COLOR	FUNCTION
RED	+12V
GREEN	DATA0
WHITE	DATA1
YELLOW	GND

4. Operation

. Connect DC 12V and Wiegand data lines to STAR RF10 proximity reader.
. Apply power and red LED of RF10 will lit.
. Approach RF card to the reader then reader will beep and green LED will lit for a second then red LED lit again for next reading sequence.
. Reader will send 26 bits Wiegnad data to access controller.
(RS232C output format OPTION)



Block Diagram of RF Reader

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 cold 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 interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Note : 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 provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

WARRANTY AND SERVICE

The following warranty and service information applies only to the U.S. For 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, CA 95054
Tel. : (408) 980-0001
Fax.: (408) 980-8060
Email: webmaster@rflogics.com
Website : www.rflogics.com

OUTSIDE OF THE UNITED STATES

ID TECK CO., LTD. Service center
4F ACE TECHNOTOWER BLDG.
684-1 DUNGCHON-DONG, GANSUH-KU
SEOUL 157-030, KOREA
Tel. : 82-2-659-0055
Fax.: 82-2-659-0086
Email: webmaster@id-teck.com
Website : www.id-teck.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 call, should contact be necessary
6. Reason for return and description of the problem.

Damage occurring during shipment is deemed the responsibility of the carrier, and claims should be made directly with the carrier.