ISRF-MF302 RFID Mifare Smart Card Keypad Reader

INTRODUCTION

ISRF-MF302 RFID Mifare Card Keypad Reader utilizes 13.56Mhz RFID technology to read ASK modulation contactless proximity cards. Contactless proximity cards are used for many different applications, such as access control, vending, toll roads, airline ticketing, banking cards, city cards, id cards, university cards, loyalty schemes, phone cards, parking & elevator control.

ISRF-MF302

SPECIFICATIONS

Power Requirements
DC12V at 100mA. A linear regulator is recommended.

Interface
Standard wiegand 26 or 34 bits for connection to standard access control panels.

Read Range
Safety reading range for up to 8cm with RFID Mifare contactless proximity card.

RF Frequency
13.56Mhz standard for ASK modulation.

Response Time & Output format
Less than 0.1 second & wiegand output format.

Audio/visual Indication
Red, Green LED and Beeper indication.

Colors & Dimensions
Black or White & 88 mm x 88 mm x 20 mm.

Operating for indoor & outdoor
Epoxy potted casing for water resistance.

Operating Temperature & Humidity
-22° to 150° F (-30° to 65° C) & 0-95% relative humidity non-condensing

Cable Distance
Wiegand interface: 500 feet (150 m)
RS232 interface: 50 feet (15 m)
Recommended cable is ALPHA 1295 (22 AWG) 5 conductor minimum stranded with overall shield or equivalent. Additional conductors may be required for LED or beeper control.