Proximity Card Reader
RF10/20/TINY

RF10   **RF20**   **RF TINY**

Key Features

- Up to 4″ (10cm) read range
- User format available
- Wiegand, RS232 , ABA track II magstripe format available
- Metal door frames, mullion (RF10/ RF TINY),and wall mount (RF20)
- PSK, FSK, ASK modulation
- Epoxy potted
- 100% Weather Poof

General

The STAR RF10/20 and RF TINY (compact size & modern design) and a new attractive 4″ (10cm) read range Proximity Reader which can be used in various Industrial applications (Access Control, Factory Automation, etc.).

It is designed to mount on metal door frame (mullion) with several fascinating colors.

Any of OEM proprietary format is available and it supports Wiegand format as well as RS232, ABA Track II magstripe format, Addressable RS422 and TTL output. These communications will allow you various applications in many industries.

The electronics reader parts in epoxy potting will ensure you its successful operations even in harsh environments (vandal proof) and indoor / outdoor(100% weather proof).

The elegant looking reader case is designed to match any interior decoration of ultramodern buildings.

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

Specifications

Read Range	IDK50	2 inch(5cm)
	IDC170	4 inch(10cm)
	IDC80	4 inch(10cm)
Reading Time		30ms
Input voltage / Current		DC5~12V, max. 180mA (@DC12V RS232 output)
Output format		26 bit Wiegand, RS232 and ABA track II magstripe format
External Buzzer control Input		Low active, DC0~5V, max. 50mA, Impedance 10K ohm
External LED control Input		Low active, DC0~5V, max. 50mA, Impedance 10K ohm
LED / Buzzer		2 color LED (red and green), Piezo Buzzer
Operating Environment		-35° F~149° F (-35℃~+65℃)
Color		Dark pearl gray
Weight	RF10 20	160g(0.35 lbs), 185g(0.41lbs)
	RFTINY	80g(0.18 lbs)
Dimensions	RF10	46×122×23mm
	RF20	76×124×23.5mm
	RFTINY	45×85×15.5mm

Dimensions

STAR RF10   STAR RF20   STAR RF TINY inch(mm)

4.81(122)   4.88(124)   3.35(85)

1.82(46)   0.87(23)   3(76)   0.87(23.5)   1.77(45)   0.6(15.5)

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