

## Long Range Proximity Card Reader

### Applications

- Truck Scale
- Vehicle Access Control
- Inventory Carts
- High Security Installation

### General

The STAR RF30/70 is a new and an attractive up to 4 feet (RF30, using IDA200), 7 feet (RF70, using IDA200) read range Proximity Reader which can be used in various Industrial applications (Vehicle Access Control, Factory Automation and etc.).

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.



**RF30**

### Key Features

- Up to 12" (30cm) read range
- User format available
- Wiegand, RS232, ABA track II magstripe format available
- PSK, FSK, ASK modulation
- Epoxy potted
- 100% Weather Proof



**RF70**

### Key Features

- Reading Range
- IDC80 : Up to 28 inch (70cm)
- IDA200 : Up to 7 feet (2.1m)
- User format available
- Wiegand, RS232, ABA track II magstripe format available
- PSK, FSK, ASK modulation
- Epoxy potted
- 100% Weather Proof

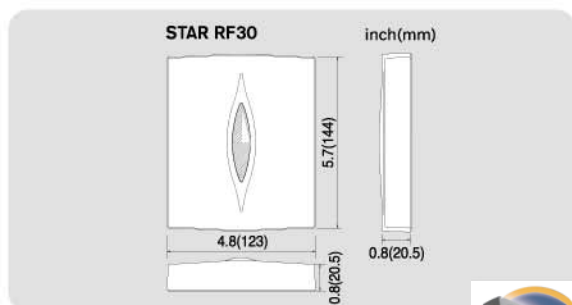
### << Specifications >>

Read Range	IDK50	6 inch (15cm)
	IDC170	12 inch (30cm)
	IDC80	12 inch (30cm)
	IDA150	3.3 feet (1m)
	IDA200	4 feet (1.2m)
Reading Time	30ms	
Input voltage / Current	DC 5 ~ 12V, max 200mA (@DC12VV 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°C ~ +65°C)	
Color	Dark pearl gray	
Weight	370g (0.81 lbs)	

### << Specifications >>

Read Range	IDK50	12 inch (30 cm)
	IDC170	28 inch (70 cm)
	IDC80	28 inch (70 cm)
	IDA150	5 feet (1.5 m)
	IDA200	7 feet (2.1 m)
Reading Time	30ms	
Input voltage / Current	DC 12 ~ 24V, max 600mA	
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°C ~ +65°C)	
Color	Dark pearl gray	
Weight	1.4 Kg (3 lbs)	

### << Dimensions >>



### << Dimensions >>

