

Long Range Proximity Reader & Active Tag (125KHz)

SAR

RF70
IDA150
IDA200



RF70



IDA150



IDA200

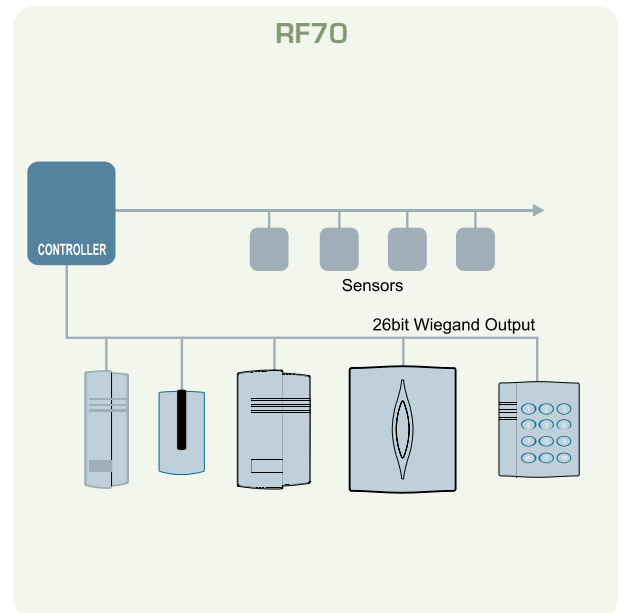
Key Features

RF70

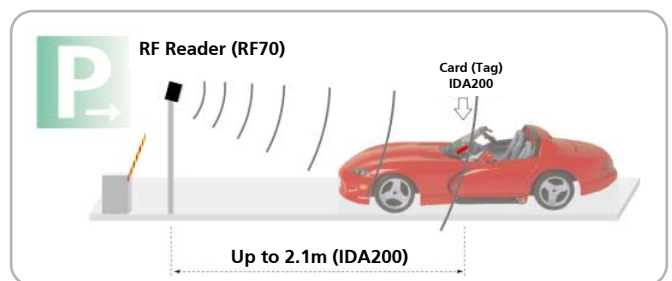
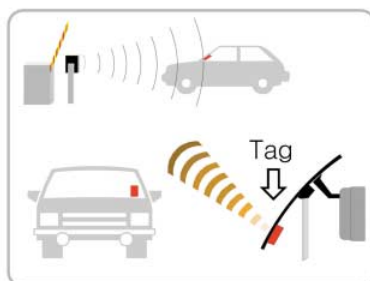
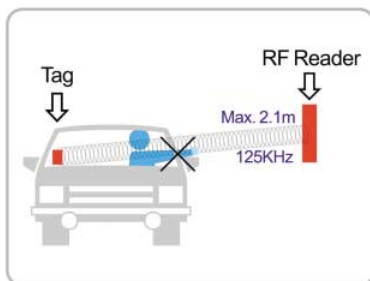
- Reader Range : IDC80(125KHz)-Up to 18 inch (45cm)
IDA150(125KHz)-Up to 5 feet (1.5m)
IDA200(125KHz)-Up to 7 feet (2.1m)
- User format available
- Wiegand, RS232, ABA Track II magnetic stripe format available
- PSK Modulation
- 100% Weather proof
- Dual Reading tech reader/Active and Passive
- Reverse power polarity protection
- The best solution for Access Control and Vehicle Access Integration with One card system.
- Indoor / Outdoor Operation
- No interference with windshield tint

IDA150 / IDA200

- Long range proximity card
Up to 1.5M read range (IDA150)-RF70
Up to 2.1M read range (IDA200)-RF70
- Compatible with existing 125KHz RF reader
- User format ID number encoding available (PRG3000 Active Tag Programmer)
- Various format available
- Battery life time(3 years - 10 times reading/day)
- PSK Type



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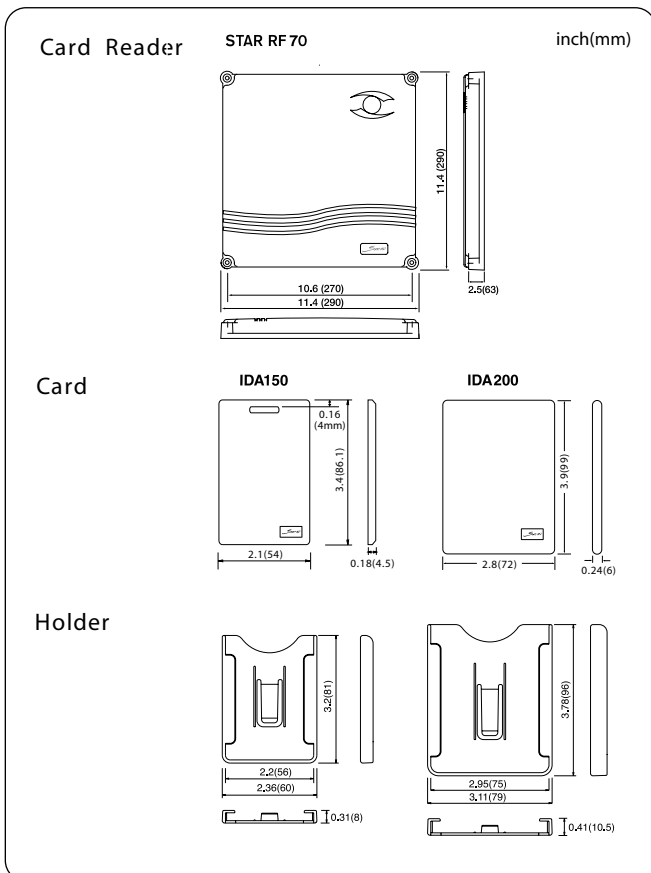




Specifications (RF70)

Read Range	IDK50	12 inch (30 cm)
	IDC170	18 inch (45 cm)
	IDC80	18 inch (45 cm)
	IDA150	5 feet (1.5 m)
	IDA200	7 feet (2.1 m)
Reading Time	30ms	
Input voltage / Current	DC12V, Max. 500mA	
Output format	26 bit Wiegand, RS232 and ABA track II magnetic stripe format, RS232	
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°C ~ +65°C (-31°F ~ 149°F)	
Color	Black, Beige	
Weight	1.4 Kg (3 lbs)	

Dimensions



Specifications (IDA150/ IDA200)

	IDA150	IDA200	
Read Range	RF10/20/TINY	Up to 30cm (16 inch)	Up to 40cm (20 inch)
	RF30	Up to 1M (3.3 feet)	Up to 1.2M (4 feet)
	RF70	Up to 1.5M (5 feet)	Up to 2.1M (7 feet)
Coding	Compatible with 125Khz PSK type reader		
Material	Polycarbonate		
Operating Environment	-35°C ~ +65°C, 0~90% RH(Non-condensing)		
Battery Life Time	3 years (10 times reading/day)		
Size(W X H X T)	54 x 86 x 4.5 (mm)	72 x 99 x 6 (mm)	
Color	White(Front), Beige(Rear)	Beige, Black	
Weight	21g (0.05lbs)	26g (0.06lbs)	
Card Holder	Color	Transparency	White
	Size	60 x 81 x 8 (mm)	79 x 96 x 10.5 (mm)

Ordering Information

Part number	Description
RF70N	Long Range Reader with Beige Color
RF70B	Long Range Reader with Black Color
IDA150	125KHz Long Range Tag (54 x 86 x 4.5 mm)
IDA200	125KHz Long Range Tag (72 x 99 x 6 mm)
IDA150 Holder	Card Holder for IDA150
IDA200 Holder	Card Holder for IDA200