

# Access Control System



Model No: S-R10

## Features

- Latest fashion, beautifully designed
- Built-in transceiver antenna
- Maximum effective distance up to 180mm
- Less than 100ms decoding time
- Low power dissipation with wide range single power supply
- Support Wiegand26 and RSABA interface
- Support uem4100 compatible read only tags (64Bits, Manchester coding)
- Built-in bi-color LED and buzzer

## Interface Description

Color	Symbol	Description
Red	VCC	Positive Power Supply
Black	GND	GND
Green	WD0(DATA)	Wiegand Data 0 output or ABA output
White	WD1(CLK)	Wiegand Data 1 output or ABA CLK output
Brown	HOLD(CP)	Wiegand hold output or card present in ABA
Yellow	SEL	Wiegand/ABA Format option
		Hang: Wiegand format
		Connected to GND:ABA format output
Blue	LED	The color of LED Changing when connected to GND
Gray	BUZ	The buzzer ringing when connected to GND

## Characterstics (Absolute Maximum Ratings)

Item	Symbol	Value	Unit
Power Supply	VCC	15	V
Operating Temp	T <sub>OPR</sub>	0 ~ +70	°C
Storage Temp	T <sub>STR</sub>	-55 ~ +125	°C

## Electrical and Mechanical Specification (Under T<sub>A</sub>=25°C, VCC= +12V unless specified)

Item	Symbol	Min	Typ	Max	Unit
Power Supply	VCC	10		15	V
Cuttent Supply	I <sub>C</sub>		65	80	mA
Operating Freq.	F <sub>REQ</sub>		125		KHZ
Effective Distance*	DIS	0	150	180	mm
Decoding Time	T <sub>DEC</sub>		65	100	ms

\* Effective Distance depends on tags and operating environment.