

Proximity, Keypad & Proximity Card Reader



RF10
RF20
RF TINY
RF30
RFK101



Key Features

RF10/20/TINY

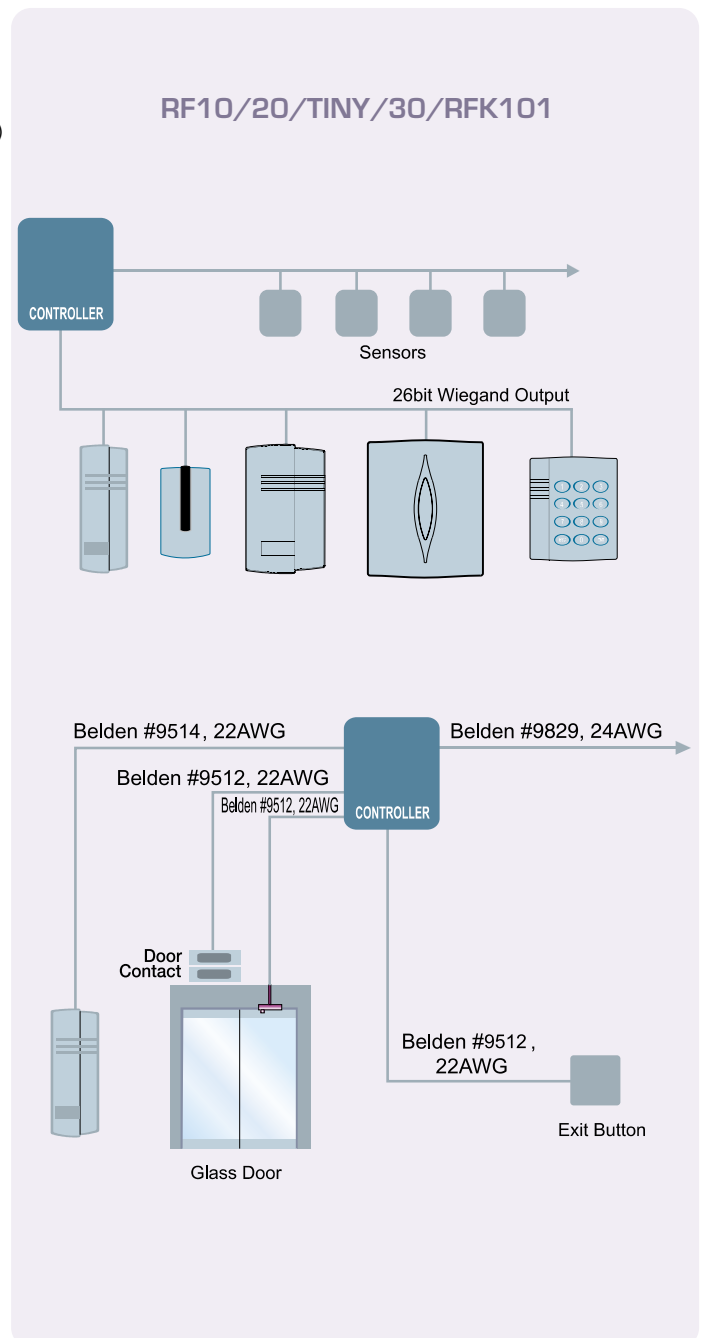
- Read Range : Up to 4"(10cm)
- Wiegand, RS232, ABA Track II magstripe(Optional) format available
- Metal door frame, mullion (RF10, TINY) and wall mount (RF20)
- PSK modulation
- 100% Weather Proof
- Dual reading tech reader / Active and Passive
- Solid Epoxy potted
- Reverse power polarity protection
- User format available

RF30

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

RFK101

- Up to 4"(10cm) Read Range
- Built in 12 numeric keypads
- User format available
- 26 bit Wiegand, RS232, ABA Track II magstripe format and 8bit burst or 3 x 4 matrix output available
- PSK modulation
- Back lighting on keypad
- 3 LED indicators
- Dual Beep Tones
- High durability and reliability





RF30



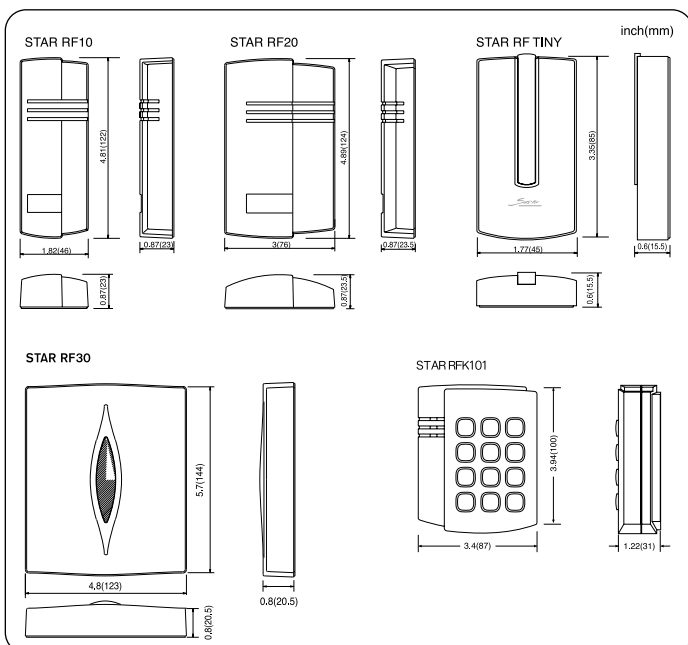
RFK101



Specifications

	RF10 / RF20 / TINY	RF30	RFK101	
Read Range	IDK50	2 inch (5cm)	2 inch (5cm)	
	IMC125	2 inch (5cm)	2 inch (5cm)	
	IDC170	4 inch (10cm)	12 inch (30cm)	4 inch (10cm)
	IDC80	4 inch (10cm)	12 inch (30cm)	4 inch (10cm)
	IDA150	12 inch (30cm)	Up to 3.3 feet (1m)	12 inch (30cm)
	IDA200	15 inch (40cm)	Up to 4 feet (1.2m)	15 inch (40cm)
Reading Time	30ms			
Keypads	No		12 Numeric Keypad with back lighting	
Input voltage / Current	DC5 ~ 12V / Max. 180mA (@DC12V RS232 output)	DC7 ~ 17V / Max. 250mA (@DC12V RS232 output)	DC12V / Max. 150mA	
Output format	26 bit Wiegand, RS232 and ABA track II magstripe(Optional) format		Wiegand, RS232, ABA track II magstripe with 8 bit burst or 3 x 4 matrix format	
External Buzzer control Input	Low active, DC 0~5V, Max. 50mA, Impedance 10K ohm			
External LED control Input	Low active, DC 0~5V, Max. 50mA, Impedance 10K ohm			
LED / Buzzer	2 color LED (Red and Green), Piezo Buzzer		3 LED (Red, Green, Yellow)	
Operating Environment	-35°C ~ +65°C (-31°F ~ 149°F)			
Color	Dark pearl gray			
Weight	RF10 : 160g (0.35 lbs) RF20 : 185g (0.41 lbs) RF TINY : 80g (0.18 lbs)	370g (0.81lbs)	190g (0.42lbs)	

Dimensions



Ordering Information

Part number	Description
RF10-Wie	10cm RF Reader with Wiegand 26bit Output
RF10-232	10cm RF Reader with RS232 Output
RF10-ABA	10cm RF Reader with ABA Track II Output
RF20-Wie	10cm RF Reader with Wiegand 26bit Output
RF20-232	10cm RF Reader with RS232 Output
RF20-ABA	10cm RF Reader with ABA Track II Output
RF30-Wie	30cm Mid Range Proximity Reader with Weigand output
RF30-232	30cm Mid Range Proximity Reader with RS232 output
RF30-ABA	30cm Mid Range Proximity Reader with ABA Track II output
RF TINY-Wie	10cm RF Reader with Wiegand 26bit Output
RF TINY-232	10cm RF Reader with RS232 Output
RF TINY-ABA	10cm RF Reader with ABA Track II Output
RFK101-Wie	Built in 12 Numeric Keypads, Reader with Wiegand 26bit Output
RFK101-232	Built in 12 Numeric Keypads, 10cm RF Reader with RS232 Output
RFK101-ABA	Built in 12 Numeric Keypads, 10cm RF Reader with ABA Track II Output