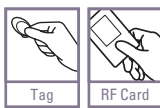


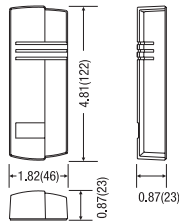
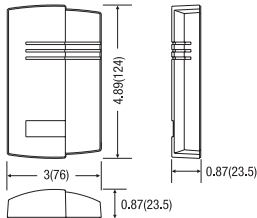
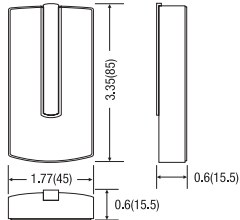
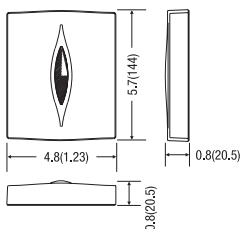
## Proximity Card Reader Series

# RF10 / RF20 RF TINY RF30



Star

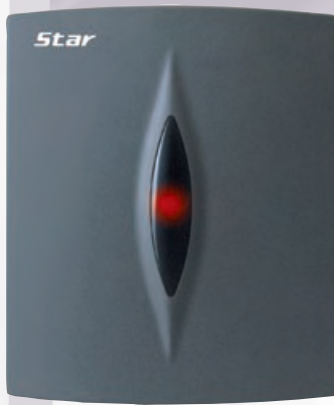
inch(mm)

**RF10**

**RF20**

**RF TINY**

**RF30**

**KEY Features**
**RF10/20/TINY**

- 125KHz Proximity Card Reader
- PSK Modulation
- Read Range : Up to 4 inch (10cm)
- User format available
- 26bit Wiegand (default) / RS232 and ABA Track II (optional) Output Format
- Dual Reading Technology (Active and Passive Cards)
- Easy to install on Metal Door Frame or Mullion
- External LED Control
- External Buzzer Control
- Indoor / Outdoor Operation
- Solid Epoxy Potted
- Waterproof / IP65 / IP66
- Warranty : Life Time
- Reverse Polarity Protection
- Options : Supervisory Signal
- Compatible Controller : iCON100, iTDC, Standalone Controller, Third Party Controller

**RF30**

- 125KHz Proximity Card Reader
- PSK Modulation
- Read Range : up to 12 inch (30cm)
- User format available
- 26bit Wiegand (default) / RS232 and ABA Track II (optional) Output Format
- Dual Reading Technology (Active and Passive Cards)
- External LED Control
- External Buzzer Control
- Indoor / Outdoor Operation
- Solid Epoxy Potted
- Waterproof / IP65 / IP66
- Warranty : Life Time
- Reverse Polarity Protection
- Options: Supervisory Signal
- Compatible Controller : iCON100, iTDC, Third Party Controller, Standalone Controller



RF30

## Specifications

Model		RF10	RF20	RF TINY	RF30
Read Range	Passive Type	IDK50 / IMC125: Up to 2 inch (5cm)			IDK50 / IMC125: Up to 6 inch (15cm)
		IDC80: Up to 2.8 inch (7cm) IDC170: Up to 4 inch (10cm)			IDC170 / IDC80: Up to 12 inch (30cm)
	Active Type	IDA150 / IDA200 compatible			
Reading Time (Card)		30ms.			
Power / Current		DC 12V / Max.180mA			DC12V / Max.350mA
Input Port		2ea (External LED Control, External Buzzer Control)			
Output Format		26bit Wiegand (default) / RS232 and ABA Track II (optional)			
LED Indicator		2 Color LED Indicators (Red and Green)			
Beeper		Piezo Buzzer			
Operating Temperature		-35° to +65° C ( -31° to +149° F )			
Operating Humidity		10% to 90% relative humidity non-condensing			
Color		Dark Pearl Gray			
Material		Polycarbonate			
Dimension (W x H x T)		1.82" x 4.81" x 0.87" (46 x 122 x 23mm)	3" x 4.89" x 0.87" (76 x 124 x 23.5mm)	1.77" x 3.35" x 0.6" (45 x 85 x 15.5mm)	4.8" x 5.7" x 0.8" (123 x 144 x 20.5mm)
Weight		160g (0.35lbs)	185g (0.41lbs)	80g (0.18lbs)	370g (0.82lbs)
Index of Protection		IP65 / IP66		N/A	N/A
Certification		UL,FCC,CE,MIC,RoHS		FCC,CE,MIC,RoHS	UL,FCC,CE,MIC,RoHS

## RF10 / RF20 / RF TINY / RF30 Configuration

