

## 125KHz Proximity Card Reader

- 26 Bit Wiegand / LED Control / Buzzer Control
- Built-In Encrypted PSK Format
- User Format Available
- Outdoor Operation (Solid Epoxy Potted / IP66 / IK08)



**RF TINY / RF10**  
**RF20 / RF30**

**Easy Installation**  
**Weatherproofed**  
**Lifetime Warranty**  
(Epoxy-Molded Products Only)

# 125KHz Proximity Reader [PSK/IDC Type]

## RF TINY/RF10 RF20/RF30



### Key Features

- 125KHz [PSK Modulation] Proximity Card Reader
- User-Format Available
- Easy to Install onto Metal Door Frames or Mullions
- External LED and Buzzer Control
- Outdoor Operation (Solid Epoxy Potted / IP66 / IK08)
- Life-Time Warranty
- Reverse Polarity Protection
- Supervisory Signal (Optional)

### Specifications

Model	RF10	RF20	RF Tiny	RF30
Reading Range	IDC80 / IDC170 : Up to 4 inch (10cm)			IDC80 / IDC170 : Up to 12 inch (30cm)
Reading Frequency / Time (Card)	Built-in Encrypted PSK Format 125KHz / 30ms.			
Power / Current	DC 12V / Max.150mA			DC 12V / Max.180mA
Input Port	1 EA: External LED Control, External Buzzer Control			
Output Format	26bit Wiegand (default), RS232 and ABA Track II (Optional)			
LED Indicator	2 Color LED Indicators			
Buzzer	Piezo Buzzer			
Operating Temperature	-40°C ~ +70°C (-40°F ~ +158°F)			
Operating Humidity	10% ~ 90% Relative Humidity, Non - Condensing			
Color / Material	Dark Pearl Gray / Polycarbonate			
Dimension (W x H x T)	46 x 122 x 23mm (1.81" x 4.80" x 0.91")	76 x 124 x 23.5mm (2.99" x 4.88" x 0.93")	45 x 85 x 15.5mm (1.77" x 3.35" x 0.61")	123 x 144 x 20.5mm (4.84" x 5.67" x 0.81")
Weight	160g (0.35 lbs)	185g (0.41 lbs)	80g (0.18 lbs)	370g (0.81 lbs)
Certification	FCC, CE, KCC, RoHs			

Headquarters: IDTECK Co., Ltd.

5F, Ace Techno Tower Bldg, 468, Gangseo-Ro, Gangseo-gu, Seoul, 07573, Korea  
Tel. +82-2-2659-0055 | Fax: +82-2-2659-0086  
Email: sales@idteck.com | overseas@idteck.com | Website: www.idteck.com

North America: IDTECK Global Inc.

1555 W. Redondo Beach Blvd #100, Gardena, CA 90247  
Tel. +1-310-819-8115  
Email: sales@idteckglobal.com | Website: www.idteckglobal.com

**IDTECK**  
Your Security Partner