



IDTECK 125KHz Secure and Credential Proximity(RFID) Reader

- IDTECK Unique Algorithm
- Highly Secure Digital Encryption
- Outstanding Read Range and Excellent Read Speed
- Supports Industry Standard Wiegand Interface
- IP66 / IK08 Protection Rating



RF20



RF TINY



RF10



RF30

RF TINY/RF10 /RF20/RF30

Long Time Proven Reliability
Access Control
Proximity(RFID) Reader

Easy Installation

Weatherproofed

Limited Lifetime Warranty

IDTECK
Your Security Partner
SINCE 1989

IDTECK 125KHz Secure and Credential Proximity(RFID) Reader

RF TINY/RF10/RF20/RF30



RF TINY



RF10



RF20



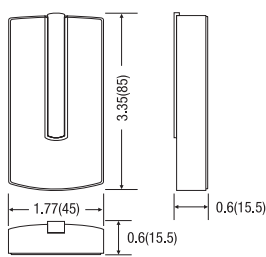
RF30

Key Features

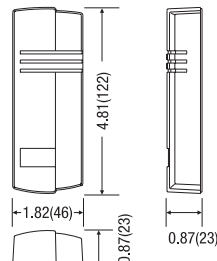
- IDTECK 125KHz Secure and Credential Proximity(RFID) Reader
- RF TINY, RF10, RF20, and RF30 are Practical and Easy to Install
- All the Readers are Epoxy-Potted and Weatherproof therefore suitable for Indoor and Outdoor Applications
- The Quality, Durability, and Reliability
- Compatible Access Controller: All IDTECK Access Controller, Third Party Access controller

Why IDTECK's Secure & Credential Reader ?

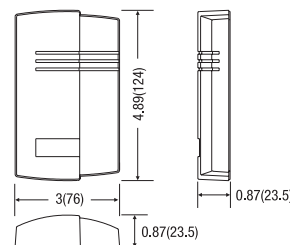
| | |
|----------------------|--|
| Operation Frequency | 125KHz PSK (Phase Shift Key) IDTECK's Secure & Credential Proximity(RFID) Reader |
| Algorithm Uniqueness | IDTECK Unique Algorithm |
| Encryption | Highly Secure Digital Encryption |
| Read Range | Outstanding Read Range and Excellent Read Speed |
| Interface | Supports Industry Standard Interface (Wiegand) |
| Reliability | Long Time Proven Track Record for Reliability |
| Cost | Cost Effective, Highest Standard for Security |
| Application | Site which require the Higher Level of the Security |
| Installation | RF TINY / RF10 : Mullion Mount RF20 / RF30 : Wall Mount (US, EU, Asian Gang Box Size) |
| Warranty | Limited Lifetime Warranty |



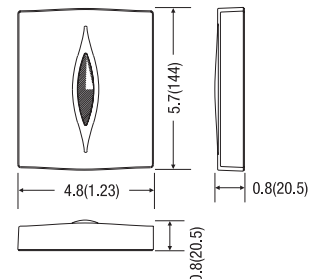
RF TINY



RF10



RF20







RF30

IDTECK 125KHz Secure and Credential Proximity(RFID) Reader

RF TINY/RF10/RF20/RF30

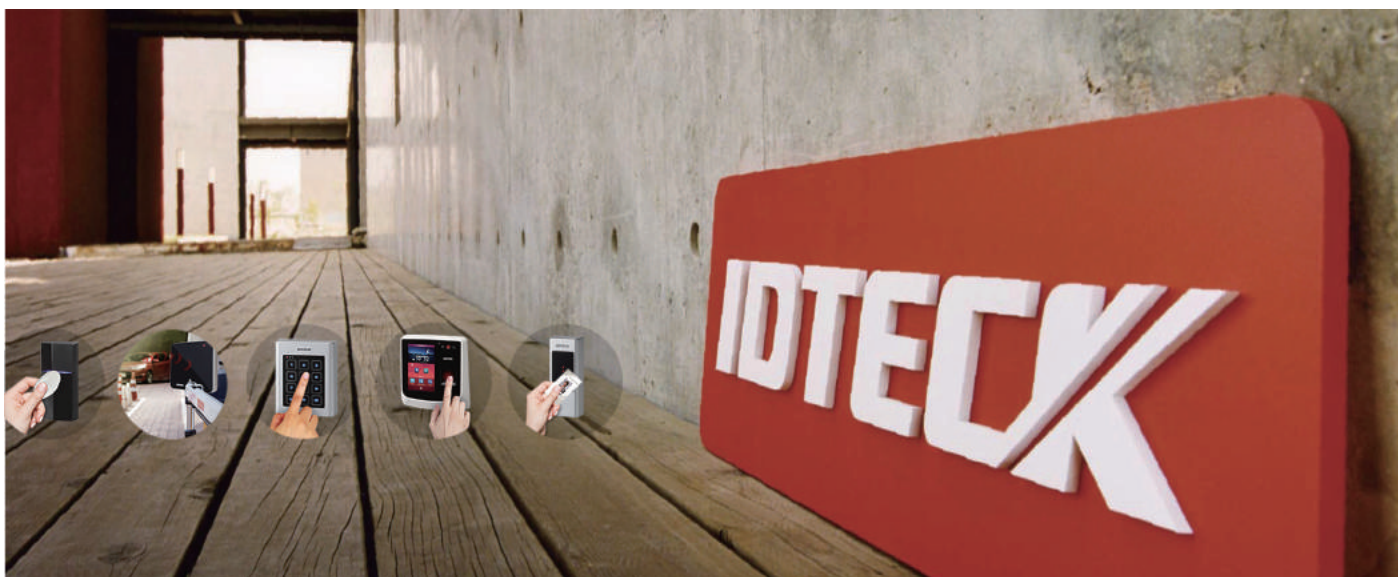


Specifications

| Model | RF TINY | RF10 | RF20 | RF30 |
|---------------------------------|---|---|---|---|
| Products |  |  |  |  |
| Compatible Card & Reading Range | IDC80 / IDC170 : Up to 4 inches (RF TINY / RF10/RF20), Up to 12 inches (RF30) IDK50 / IMC125 : Up to 2 inches (RF TINY / RF10/RF20), Up to 6 inches (RF30) | | | |
| Reading Frequency | Built-in Encrypted PSK Format 125KHz | | | |
| Reading Time (Card) | 30ms. | | | |
| Power / Current Draw | DC 12V / Max.150mA (RF30: DC 12V / Max.180mA) | | | |
| Input Port | 1 EA: External LED Control / 1 EA: External Buzzer Control | | | |
| Output Interface Format | 26Bit Wiegand (Optional : RS232) | | | |
| Compatible Access Controller | All IDTECK Access Controller, Third Party Access controller | | | |
| LED Indicator / Buzzer | 2 Color LED (Red and Freen) Indicators / Piezo Buzzer | | | |
| Protection | Ingress | IP66 Rating (Indoor & Outdoor Installation) | | |
| | Vandal - Resistant | IK08 Rating (Indoor & Outdoor Installation) | | |
| Reverse Polarity Protection | Yes | | | |
| Supervisory Signal | Yes (Optional) | | | |
| Termination | Pigtail | | | |
| Cabling | 24 AWG minimum, multiconductor stranded with an overall foil shield | | | |
| Mounting | RF TINY / RF10 : Mullion Mount | | RF20 / RF30 : Wall Mount (US, EU, Asian Gang Box Size) | |
| Dimension(WxHxT) | 45 x 85 x 15.5mm | 46 x 122 x 23mm | 76 x 124 x 23.5mm | 480 x 570 x 80mm |
| Weight | 80g | 160g | 185g | 370g |
| Operating Temperature | -35°C ~ +65°C (-31°F ~ +149°F) | | | |
| Operating Humidity | 10% to 90% relative humidity non-condensing | | | |
| Warranty | Limited Lifetime Warranty | | | |
| Certifications | FCC, CE, KCC, RoHs | | | |

IDTECK 125KHz Secure and Credential Proximity(RFID) Reader

RF TINY/RF10/RF20/RF30



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