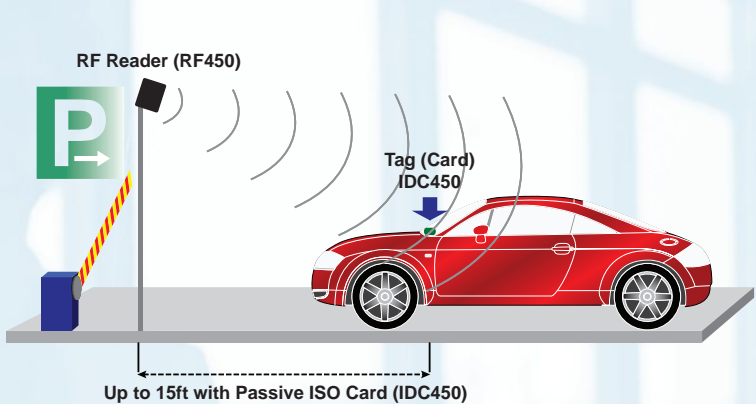


Passive Long Range Reader up to 15 ft Reading Distance

15-Foot (4.5 Meter) Long Range Reader with Life Time Passive ISO Card

The RFL450 is a long range reader that reads Passive ISO Cards in a highly secured single direction. It has up to 15 feet (4.5 meter) reading distance and is capable of reading up to 30 tags per second.

The RFL450 has a high impact and scratch resistant polycarbonate housing and is 100% weatherproof for outdoor applications. RFL450 is an ideal unit for parking and vehicle control applications. RFL450 contains a Parking Hold Signal, also able to connect directly to bar gate using bargate output. RFL450 has 90-degree one directional antenna and reader module in a single unit.



IDC450

KEY FEATURES

- Long Range Reader: Up to 15 feet (4.5 meter) of reading distance with a Passive ISO Card
- 900MHz ISM Band
- Built-in Antenna and Reader Scanner parts in one single reader unit
- Encrypted tag ID and Secure Protocols between Reader and Tags
- Multiple Tags Identification (30 Tags / Sec)
- 90-Degrees, One-directional Antenna (Optional : Omni directional antenna)
- Supports Standard Wiegand 26bit, 34bit or higher proprietary formats, RS232 Output Format
- Direct Bargate Output (Open Collector : 1sec) OTR (One Time Reading) and HOLD Control Input
- Applications : Parking Control, Logistics Tracking, Asset Control, Personal Tracking

IDC450



KEY FEATURES

- Stable and Steady Read Range up to 15 ft (4.5M) Reading distance
- User Friendly : Site Code and Sequential ID Numbers Ready for Use
- Credit Card size, Photo-dye-sublimation printable ISO Card with Custom Logos available
- Dual Frequency Technology solution in One card
- One card with Vehicle Parking and Access Control and other applications
- Multiple Tags Identification (30 Tags / Sec), Anti-collision enabled
- No Battery Required. True passive long range technology
- Long range + 125 KHz Proximity, Long range + 13.56 MHz Mifare Smart Card Availability
- 900 MHz ISM Band Passive Card
- 360°, Omni-directional Antenna (Optional / Suitable for Asset Control and Personal Tracking)
- Fully Operational with ESD Metal Coated Windshield Surface

Passive Long Range ISO Card with Dual RF Technology

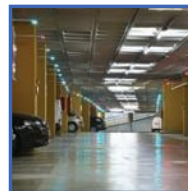
The IDC450 is Passive long range card and it is Printable ISO card to be used with RFL450 Long Range Reader. Custom Logo and photo on front / back of the card is available. It requires no battery for 15 feet (4.5 meter) of reading distance.

Dual Frequency Technology Card of IDC450-Prox has built-in 125 KHz (PSK IDTECK Format) proximity card for multi-reading Technology available, granting both long range and access control applications with one card solution.

IDC450-Smart is also multi-technology card for a long range card with built-in 1K Byte Mifare (13.56 MHz) Smart Card. IDC450-EM (ASK Format) is also available with IDC450 Passive Long Range Tag.



Asset Control



Parking Control

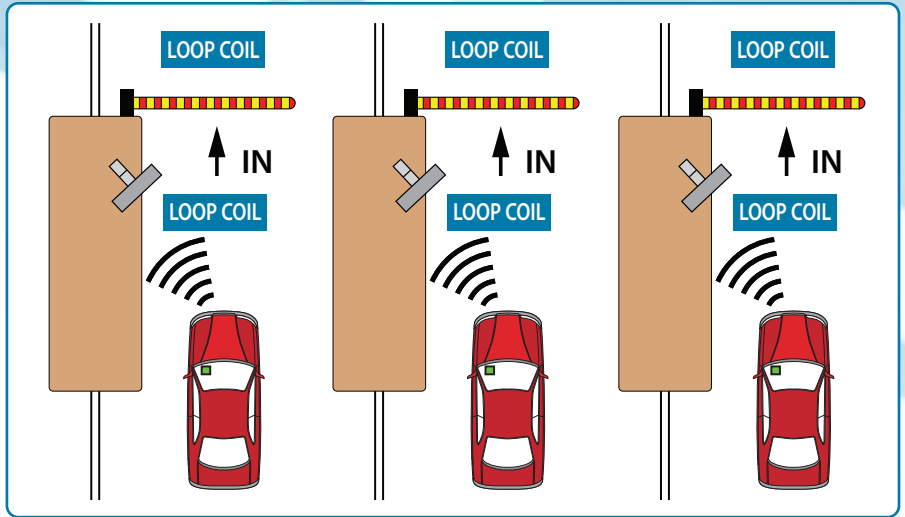
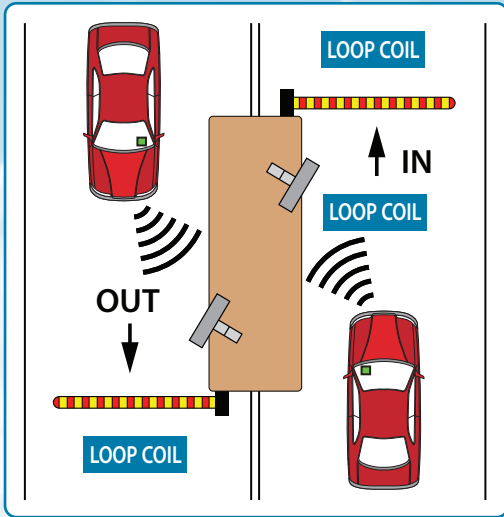


Vehicle Tracking

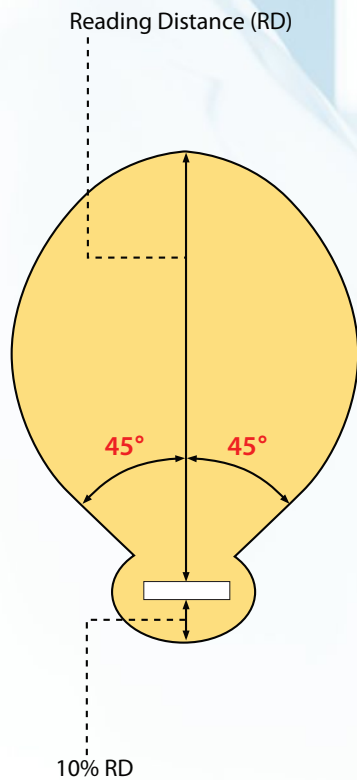


Fleet Management

Use OTR & HOLD Control Input



RFL450 : System Specification Table



Model	RFL450
CPU	Dual 8-bit Microprocessor and ISM Band Receiver
Read Range	Up to 15' personal ID Use / Up to 10' Vehicle ID Use
Reading Time	100mS
Frequency	ISM 902MHz ~ 928MHz
Modulation	UHF
Directivity	90-Degrees, One-directional Antenna
Receiver Gain	22dBm ~ 33dBm
Power / Current	DC12V / Less Than 3A
Output Format	26 / 34bit wiegand / RS485 / RS232
RS232 Format	9600bps, parity none, 8 Data bits, 1 Stop bit
Bargate Output	Low Active Pulse (1sec.), Open Collector Output, Max.100mA
OTR (One Time Reading) Input	Low Active Input, DC12V, Max, 50mA Current Drain
LED Indicator	Built-in Red, Yellow, and Green Color LEDs
Beeper	Built-in Piezo Buzzer
Operating Temperature	-4Degrees F ~ 131Degrees F (-20C ~ 55C)
Operating Humidity	10% to 90% relative humidity non-condensing
Color / Material	Ivory / Polycarbonate / Anodized Aluminum
Dimension (W x H x T)	11" x 11" x 2.36" (280mm x 280mm x 60mm)
Weight	4.4 LBS (2.0Kgs) excluding mounting Bracket

UL CE FCC The specifications contained in this catalog are subject to change without notice at any time.



SignTech- Colombia
www.signtechbiometric.com
info@signtechbiometric.com
 Tel: (578) 515 0472