

MODEL RFL450

Long Range Proximity Card Reader



Features:

- ***Long Range Reader: Up to 15 feet of reading distance with a Passive ISO Card***
- ***900MHz ISM Band***
- ***Encrypted tag ID and Secure Protocols between Reader and Tags***
- ***Multiple Tags Identification (30 Tags / Sec)***
- ***90-Degrees, One-directional Antenna(OPTION : Omni directional antenna)***
- ***26bit, 34bit Wiegand and RS232 Output Format***
- ***Direct Gate Open Output (Open Collector: 1sec)***
- ***OTR (One Time Reading) and HOLD Control Input***

Applications : Parking Control, Logistics Tracking, Asset Control, Personal Tracking

Features of IDC450 Long Range Passive Tag:

- ***Stable and Steady Read Range: Available in 15' of Reading distance***
- ***User Friendly: Site Code and Sequential ID Numbers Ready for Use***
- ***Credit Card size, Photo-dye-sublimation printable ISO Card***
- ***No Battery Required***
- ***900 MHz ISM Band Passive Card***
- ***Operational with ESD Metal Coated Windshield Surface***
- ***Custom Logo Available***



ENGINEERED PARKING SYSTEMS

25010 AVENUE TIBBITTS, VALENCIA, CA 91355
PHONE (661) 294-0778 (800) EPSINFO (377-4636) FAX (661) 294-0674
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Specifications

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



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