

## Long Range Proximity Active Card

# IDA245

## Active Card Programmer

# PRG3000



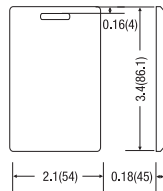
IDA245

PRG3000



inch(mm)

IDA245



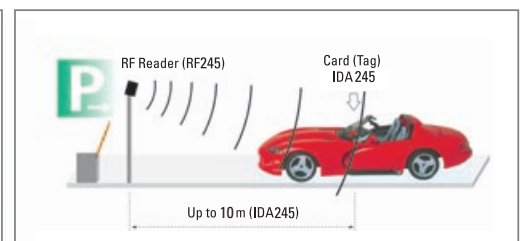
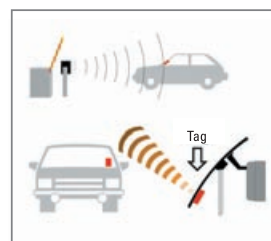
### KEY Features

#### IDA245

- Read Range 3m(10feet) with RF245-3M: 5m(17feet) with RF245-5M: 10m(34feet) with RF245-10M
- User programmable Site code, ID Number (using PRG3000 Active Card Programmer)
- Life Time Active Tags with Replaceable Battery CR2025

#### PRG3000 Active Card Programmer

- IDA150/IDA200/IDA245 / Active Card Programmer
- Slide-in Operation, Automatic Increase and Decrease
- Direct Connection to PC via RS232 (Application Software included)
- Encryption Algorithm applied
- Programmable Site Code, ID Number



Star



IDA245 Card Holder

## Specifications

Model	IDA245	
CPU	Low Power 8bit Microprocessor	
Read Range	3m(10feet) / 5m(17feet) / 10m(34feet) with RF245-3M / RF245-5M / RF245-10M	
Carrier Frequency	2.402GHz	
Directivity	Omni – directional	
Antenna	Monopole Antenna	
Transmit Power	-10dBm	
Modulation	Encrypted GFSK	
Wake-up Time	Approx. 0.7sec	
Site Code	256 Site Code (000~255)	
Tag ID numbers	Maximum 16 Millions ID Numbers per Site Code	
Encryption	16bit IDTECK's Secured Algorithm	
Power	Coin Cell Lithium Battery, 3V 150mAh, CR2025	
Battery Life Time	3 Years (@ 1sec Wake-up Time), Battery Replaceable (CR2025)	
Operating Temperature / Operating Humidity	-20° to +65° C (-4° to +149° F) / 10% to 90% relative humidity non-condensing	
Dimension (W x H x T) / Weight	2.1" x 3.4" x 0.18" (54mm x 86mm x 4.5mm) / 20gram (0.04lbs)	
Model	PRG3000	
CPU	Dual 8bit Microprocessor and ISM Band Receiver	
Memory	Program Memory	2KByte ROM
	Data Memory	128Byte EEPROM
Reader	Built-in ISM Band Reader	
Overwrite Time (Card)	Less than 3sec.	
Power / Current	Adapter (AC110V / 220V, Output DC12V, 500mA)	
Input Port	1ea for RS232 Communication (DB9 Jack)	
LED Indicator / Beeper	5 Array LED Indicators (Red, Green and Yellow) / Piezo Buzzer	
Data Encryption	Crypto Encryption Algorithm	
Software	PRG3000 Application Software included	
Operating Temperature	0° to +50° C (+32° to +122° F)	
Operating Humidity	10% to 90% relative humidity non-condensing	
Color / Material	Light Gray / HD-ABS	
Dimension (W x H x T) / Weight	6.18" x 7.80" x 4.72" (157mm x 198mm x 120mm) / 1090g (2.4lbs)	