MODEL RF245

Long Range Proximity Card Reader

RF245 Features:
- *Long Range Reader RF245-3M: 3m(10feet), RF245-5M: 5m(17feet), RF245-10M: 10m(34feet)*
- *2.4GHz ISM Band*
- *Encrypted tag ID and Secure Protocols between Reader and Tags*
- *Multiple Tags Identification (30 Tags / Sec)*
- *90 Degree, One-directional Antenna*
- *26bit Wiegand and RS232 Output Format*
- *Direct Barrier Gate Output (Open Collector: 1sec)*
- *OTR (One Time Reading) and HOLD Control Input*
- *Applications: Parking Control, Logistics Tracking, Asset Control, Personal Tracking*

IDA245 Features:
- *Read Range 3m(10feet) with RF245-3M: 5m(17feet) with RF245-5M: 10m(34feet) with RF245-10M*
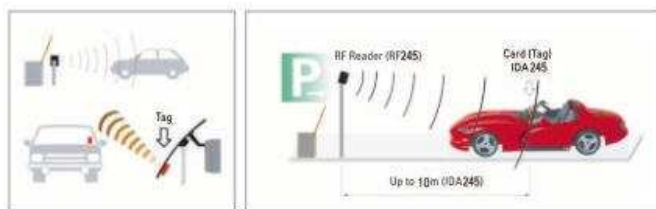- *Battery Life Time 3 Years (@1sec. Wake-up Time) / Battery Replaceable (CR2025)*

ENGINEERED PARKING SYSTEMS
25010 AVENUE TIBBITTS, VALENCIA, CA 91355
PHONE (661) 294-0778 (800) EPSINFO (377-4636) FAX (661) 294-0674
www.epsinfo.com

Specifications

Model	RF245-3M / RF245-5M / RF245-10M
CPU	8bit Microprocessor and ISM Band Receiver
Read Range	RF245-3M(3m, 10feet), RF245-5M(5m, 17feet), RF245-10M(10m, 34feet)
Reading Time	250ns
Frequency	2.402GHz, ISM Band
Modulation	Encrypted GFSK
Directivity	90º, One-directional
Receiver Gain	Better than -80dBm
Power / Current	DC12V / Max.50mA
Output Format	26bit Wiegand and RS232
RS232 Format	9600bps, parity none, 8 Data bits, 1 Stop bit
Barrier Gate Output	Low Active Pulse (1sec.), Open Collector Output, Max.100mA
OTR (One Time Reading) Input	Low Active Input, DC12V, Max, 50mA Current Drain
HOLD Input	Low Active Input, DC12V, Max. 50mA Current Drain, Vehicle Detector Input
LED Indicator	Built-in Red Color LED
Beeper	Built-in Piezo Buzzer
Operating Temperature	-35ºC to +65º (-31ºF to +149ºF)
Operating Humidity	10% to 90% relative humidity non-condensing
Color / Material	Ivory / Polycarbonate / Anodized Aluminum
Dimension (W x H x T)	7.9"± x 7.9"± x 1.9"± (200mm x 200mm x 50mm)
Weight	1.36kg (3.0 lbs) excluding Mounting Bracket

ENGINEERED PARKING SYSTEMS
25010 AVENUE TIBBITTS, VALENCIA, CA 91355
PHONE (661) 294-0778 (800) EPSINFO (377-4636) FAX (661) 294-0674
www.epsinfo.com