

# 2.45GHz Long Range Standalone & Reader

## NEO RF245

- Various Reading Range Adjustable Up to 15m (50ft)
- Utilized Various Applications
- Multiple Card/Tag Identification
- Encrypted Card ID Communication



### \* Specification

Model	NEO RF245
CPU	32bit Microprocessor and ISM Brand Receiver
Reading Range	Up to 15m, 49.2feet, Reading range control using IDA245(N) * Reading range varies depending on the installation environment
Multiple Reading	Up to 30 Tags / Second * Number of card reading varies depending on the installation environment
Frequency	2.45GHz, ISM Band
Receiving Site Code	256 Site Code
Modulation	Encrypted GFSK
Directivity	90° One-directional Antenna, 360° Omni-directional Antenna (optional / Suitable for access control and personnel tracking)
Receiver Gain	Better than -80dBm
Power / Current	DC12V / Max 50mA
Output Format	26 Bit Wiegand, RS232, Bargate Output
RS232 Format	9600bps, parity none, 8 Data bits, 1 stop bit
Bargate Output	1A (Power Transistor: 1s)
OTR (One Time Reading) Control Input	Low Active Input, DC12V, Max, 50mA Current Drain
HOLD Control Input	Low Active Input, DC12V, Max. 50mA Current Drain, Vehicle Detector Input
LED Indicator	Built-in Red, Green Color LED
Buzzer	Built-in Piezo Buzzer
Operating Temperature	-35°C ~ +65°C (-31°F ~ 149°F)
Operating Humidity	10% ~ 90% Relative Humidity, Non - Condensing
Color / Material	Ivory / Polycarbonate / Anodized Aluminum
Dimension (W x H x T)	180 x 180 x 40mm (7.0" x 7.0" x 1.6")
Weight	1.5Kg (2.5 lbs)
Certification	FCC, CE, KC, RoHS