

# RFID BASED ACCESS CONTROL SYSTEM

## VV-RF2400U-LRG2 LONG RANGE UHF ACTIVE RFID READER/TAG



### FEATURES

Long Range Active UHF reader

Operating Frequency 2.4 Ghz

Antenna - directional/non-directional (optional)

Read range of 20 to 100 mtrs (depends on installation environment and tag specifications)

Wiegand output for integration with any Wiegand Supported Controller

Active (battery operated) Tag supported

Fully weatherproof IP66 rating

Reading Mode : Master-slave mode/timing mode/  
Trigger Mode



Multicolor LED  
Indication



Active  
UHF Card



Buzzer  
Sound

## TECHNICAL SPECIFICATIONS

### VV-RF2400U-LRG2

Parameter	Specifications
Frequency	2.45 GHz`
Reading Mode	Master-slave mode/timing mode/Trigger Mode
Reading Range	30 to 100 meters adjustable(with active tags)
Communication	Weigand26/32/34,RS232/485,10/100M TCP/IP
Average Power	< 4W
Power Supply	DC +12V/3.8A
Weight	2.0Kg
Dimensions	230*230*65mm
Operating Temperature	-30°C — +75°C
Antenna	Direction /non-direction optional

### Active Tags

Parameter	Specifications
Operating Frequency	2.4 Ghz-2.48GHz
Power Output	0dBm`
ID Password	40bit
Modulation	FSK modulation
Security	Encryption calculation and certification, to ensure data security and prevent eavesdropping and data link crack
Fixed information storage	24bit
Random information storage	16bit
Data Rate	2Mbps
Transmission distance	Maximum 150m
Operating Temperature	-20°C — +80°C
Period of using	2 years
Dimension	90mmx50mmx7mm
Certifications	CE, FCC, ROHS

\*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Weights and measurements are approximate and may vary.

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(AN ISO 9001 : 2008, ISO 14001 : 2004 CERTIFIED COMPANY)

