



**NESS ACCESS CONTROL PRODUCTS**

## RF500

### 311kHz LONG RANGE PROX READER AND ACTIVE TAGS

Long range proximity reader and active tags for indoor or outdoor use. Ideal for vehicle access to car parks, boom gates, roller doors.

Up to 5 metre range.



RF500 Long Range Reader  
Part No. 101-069



IDA500 Active Card  
Part No. 101-072

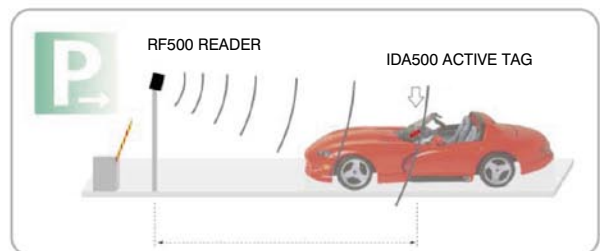
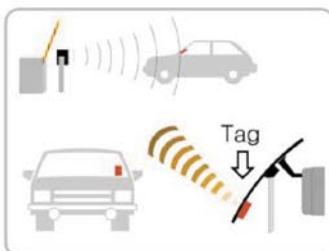
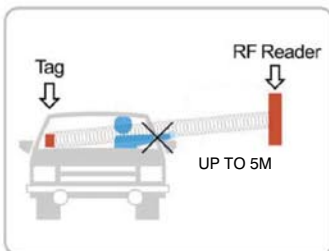


#### RF500 Long Range Proximity Reader

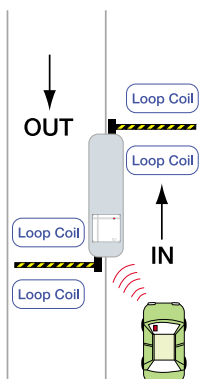
- Up to 5m Read Range (3 to 5m adjustable)
- Encrypted tag ID and secure protocols between Reader and Tags
- Multiple Tags Identification (10 tags/sec)
- Omni-directional Helical Antenna
- Wiegand, ABA Track II, RS232 outputs
- Optional addressable RS485 outputs
- Two Color LED (Red, Green) Indicator
- Built-in Beeper sound
- External LED and Beeper control
- External reader address setting (8 ch)

#### IDA150 / IDA200 Long range proximity cards

- Long range Active Proximity card
- Up to 3 to 5M read range (IDA500)-RF500
- User format ID number encoding available
- Various formats available
- 5 year battery life (at 10 reads/day)



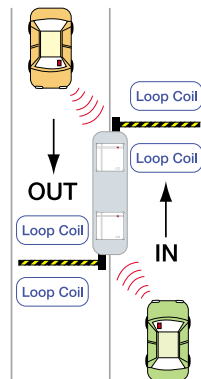
## RF500 AND IDA500 PARKING CONTROL APPLICATIONS



- In case, In-Gate controls by IDA500 tag and Out-Gate only controls by loop sensors

Usage :  
Residential Area, Apartment.

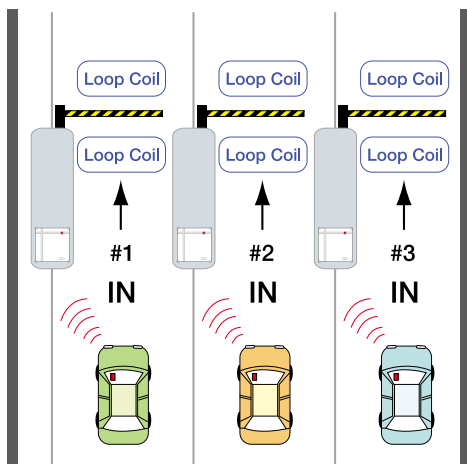
Recommended Setting :  
- RF500: Reader Address set to #1  
- IDA500: Sleep Timer set to 30sec.  
Toggle-mode set to ON.



- In case, In-Gate controls by IDA500 tag and Out-Gate also controls by IDA500 tag

Usage :  
Parking Lot with casher

Recommended Setting :  
- RF500: In-Reader Address set to #1  
Out-Reader Address set to #2  
- IDA500: Sleep Timer set to 30sec.  
Toggle-mode set to OFF.



- In case, multiple In-Gates control by IDA500 tag and multiple Out-Gates also control by IDA500 tag

Usage :  
Big Parking Lots, Complex Buildings.

Recommended Setting :  
- RF500: In-Readers Address set to #1, #2, #3  
Out-Readers Address set to #5, #6, #7  
- IDA500: Sleep Timer set to 30sec.  
Toggle-mode set to OFF.

			RF70	RF500
Read Range	Passive Type	IDC80	45cm	No
		IDC170	45cm	No
		IDK50	30cm	No
	Active Type	IDA150	1.5m	No
		IDA200	2.1m	No
		IDA500	No	3~5m
Frequency		125kHz	125kHz / 311MHz	
Wiegand/ABA Track II		Yes	Yes	
RS232		Yes	Yes	
LED/Beeper		2-color/Yes	2-color/Yes	
LED Control/Beep Control		Yes	Yes	

[www.ness.com.au](http://www.ness.com.au)

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