

If use rs232/wiegand ,the voltage >3 for this module without development board



If use rs232/wiegand ,the voltage ≥ 9 for this module with development board



IND903 small UHF RFID module use Notes

table1: module use Notes

	Notes	described	explain
1	Save module set	To reliable make configuration write to internal LASH, please make sure to the VCC Voltage of module more	The power treatment is the key to ensure

		<p>than 3 V(if use rs232/wiegand ,the voltage $\geq 9v$ for the module with development board) when write FLASH .FLASH will result in unrecoverable error When the voltage on the low side write .</p> <p>The R&W service life of FLASH is 100000 times.So should reduce write configuration operation as far as possible to .Especially can not write FLASH in the program dynamic .</p> <p>includes writing FLASH operation commands refer to table 2</p>	<p>module operation with stable and reliable.</p> <p>When using battery power supply, especially pay attention to voltage state when its battery runs out.</p>
2	minimum operating voltage	<p>To ensure module long-term reliable operation, in the case of don't need to write FLASH, VCC voltage need more than 3 V,(if use rs232/wiegand ,the voltage $\geq 9v$ for the module with development board)</p>	
3	Deal with power supply	<p>The module of power supply should maintain continuous stable .Should not be long time and high frequency to give module power on,outage (or pull up, pull down EN feet).</p> <p>When the module used switch power supply , please pay attention to make the power filter, otherwise it will affect the sensitivity of read tag.</p>	

table2: commands list of Save the configuration

command code	command name	Described described
0x71	cmd_set_uart_baudrate	Set serial communication baud rate
0x73	cmd_set_reader_address	Set reader address
0x76	cmd_set_output_power	Set output power
0x78	cmd_set_frequency_region	set working frequency range of reader
0x7A	cmd_set_beeper_mode	Set the buzzer status