



# IDS815 Wireless Module



## FEATURE

- > 3 type system interface, COM1 is TTL LEV UART interface, COM2 is standard RS-232 interface and 和 standard RS-485 interface .
- > Setting between 300-1000MHz .
- > Auto filter.
- > ."receive""send" auto change, when do not send date, it's "receive" mode ; when send date, auto turn to "send" mode ; after send, auto back to "receive".
- > Minuteness TX POWER: MAX 10mW
- > Auto avoid function

### Main Technique Target

Frequency range	->	In free band (usually 433M ISM)	8 channe(use jumper to set)
Communication	->	FSK half duplex	
Baud Rate	->	1200bps、 2400bps、 4800bps、 9600bps、 19200bps	
Output power	->	10mW	
Data Interface format	->	TTL and RS232 (or485) interface, data format 8E1/8N1, user can use jumper to choose 8 bit data or 9 bit data	
Communication interface	->	Asynchronous serial transmission, start bit:1bit, data bit:8 bit, —stop bit:1 bit ; 3 type Level Interface : TTL(CMOS), RS232 , RS485	
Power Supply	->	DC 5V	
Current	->	Receive 17mA ; send 35mA	
Size	->	46.8 X 25.8mm (only housing)	
Effective Range	->	Barrier-free:300m barriers:50m	