

S-POWER ELECTRONICS LTD.

...iSmarter wireless connectivity

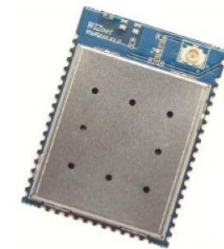
## Wifi Module with Serial Interface

S-Power provide a low power easy to interface RS232 to Wifi module.

The embedded system will take care of all the Wifi stack and MAC stack, and consume almost no resources from the interface embedded system.

The module is IEEE 802.11b/g/n compatible with 1Mbps highest rate, and support extensive security protocol.

The module is CE, and FCC certified with embedded chip antenna option.



Part No	Supply Voltage	Radio	I/O interface	Networking Protocols	Security Protocols	Frequency	Power consumption	Power Down	Min. start up delay	Max. Rate (Bit)	Package
BG1WizFi2 10	3.3V	IEEE 802.11 b/g/n	UART, SPI, I2C, WAKE, ALARM, GPIO	UDP, TCP/IP (IPv4), DHCP, ARP, DNS, HTTP/HTTPS, Client and Server	WEP, WPA/WPA2-PS, Enterprise (EAP-FAST, EAP-TLS, EAP-TTLS, PEAP)	2.4~2.497GHz	34uA @ Standby 125mA @ Receive 135mA @ Transmit	0.01uA	20ms	1Mbps @ IEEE 802.11b	32 x 23.5 x 3 mm SIP



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