

Parameters:

Class	Item	Parameters
Wireless Parameters	Certification	FCC/CE
	Wireless standard	802.11 b/g/n
	Frequency range	2.412GHz-2.484GHz
	Transmit Power	802.11b: +16 +/-2dBm (@11Mbps)
		802.11g: +14 +/-2dBm (@54Mbps)
		802.11n: +13 +/-2dBm (@HT20, MCS7)
	Receiver Sensitivity	802.11b: -93 dBm (@11Mbps ,CCK)
802.11g: -85 dBm (@54Mbps, OFDM)		
802.11n: -82 dBm (@HT20, MCS7)		
Antenna Option	External:I-PEX Connector	
	External:Pad connector	
Hardware Parameters	Data Interface	UART
		PWM, GPIO
	Operating Voltage	2.8~3.6V
	Operating Current	Peak [Continuous TX]: ~200mA Normal [WiFi ON/OFF , DTIM=100ms]: Average: ~12mA, Peak: 200mA Standby [WiFi Shutdown]: <200uA Power Down Switch: <10uA
		Operating Temp.
	Storage Temp.	-45°C - 125°C
	Dimensions and Size	22mm x 13.5mm x 6mm
External Interface	1x10, 2mm DIP	
Software Parameters	Network Type	STA /AP/STA+AP
	Security Mechanisms	WEP/WPA-PSK/WPA2-PSK
	Encryption	WEP64/WEP128/TKIP/AES
	Update Firmware	Local Wireless, Remote
	Customization	Web Page Upgrade
	Network Protocol	IPv4, TCP/UDP/HTTP
	User Configuration	AT+instruction set. Android/ iOS Smart Link APP tools