Class	Item	Parameters
Wireless Parameters	Certification	FCC/CE
	Wireless standard	802.11 b/g/n
	Frequency Range	2.41GHz - 2.484 GHz
	Transmit Power	802.11b: +20 dBm (Max.)
		802.11g: +18 dBm (Max.)
		802.11n: +15 dBm (Max.)
		Configurable
	Receiver Sensitivity	802.11b: -89 dBm
		802.11g: -81 dBm
		802.11n: -71 dBm
	Antenna Option	External: I-PEX Connector
		Internal: On-board chip antenna
Hardware Parameters	Data Interface	UART: 1200bps - 230400bps
		GPIOs
		Ethernet: 100Mbps
	Operating Voltage	3.3V (+/-5%)
	Operating Current	170mA - 300mA
	Operating Temperature	-40°C to 85°C
	Storage Temperature	-45°C to 125°C
	Dimensions	25mm x 40mm x 8mm
Software Parameters	Network Type	STA/AP/AP+STA mode
	Security Mechanisms	WEP/WPA-PSK/WPA2-PSK/WAPI
	Encryption	WEP64/WEP128/TKIP/AES
	Work Mode	Transparant Transmission
	Serial Command	AT+ Instruction set
	Network Protocol	TCP/UDP/ARP/ICMP/DHCP/DNS/HTTP
	Max. TCP Connections	32
	User Configuration	Web Server + AT command config.