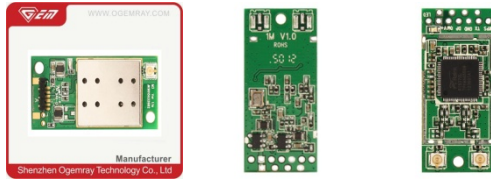


MODULE



GWF-1M01

Chipset : MTK5372

Peak Rate : 300Mbps

Standard : 802.11b/g/n

Interface : USB

Frequency : 2.4Ghz

802.11 b/g/n 300Mbps Wireless Modue 2T2R

The GWF-1M01 is a WLAN module supporting IEEE 802.11b/g/n standards with 7-pin or 4-pin connector supporting USB2.0 interface.

This is a small form factor and low cost compact WLAN module designed for the wireless connectivity.

This module operates in 2.4GHz ISM frequency band, it applies a highly integrated MAC/BBP and RF single chip RT5372 with 300Mbps PHY rate supporting.

It fully complies with IEEE802.11n draft 3.0 and IEEE802.11b/g feature.

Main Chipset	Ralink RT5372
Operation Frequency	2412~2484MHz, ISM band
Protocols	802.11b: CCK, QPSK, BPSK, 802.11g/n: OFDM
Antennas	Two outputs to external antennas
Security	WPA/WPA2, 64/128/152-bit WEP, WPS
Typical Transmit Power (Antenna feed point)	802.11b (CCK) 11Mbps: 19+/-1dBm
	802.11g (OFDM) 54Mbps: 15+/-1dBm
	802.11n (HT20@MCS7), 14+/-1dBm; (HT40@MCS7),14+/-1dBm

Receive Sensitivity (Antenna feed point)	802.11b: -88+/-1dBm
	802.11g: -73+/-1dBm
	802.11n (HT20), -71+/-1dBm; 802.11n (HT40), -68+/-1dBm
Operating Voltage	5.0VDC \pm 5% ; <300mA @802.11g ; or 3.3VDC \pm 5%
Bus Interface	USB 2.0
Interface	7-pin or 4-pin, 2.0mm , or 4-pin 2.54 mm pitch pin header
Physical Specification	
Dimensions	33* 15*3 mm
Weight	2 g