



# Model No. : **ON-R954G2-O-US**

Chipset	QCA9531			
DRAM	DDR2 128MByte			
FLASH	16MByte			
Port	10/100M ( WAN ) port*1 , support Auto MDI/MDIX 10/100M ( LAN ) port*1 , support Auto MDI/MDIX			
Speed	11b: 11M , 5.5M , 2M , 1Mbps			
	11g: 54M , 48M , 36M , 24M , 18M , 12M , 9M , 6Mbps			
	11N:6.5M , 13M , 13.5M , 19.5M , 26M , 27M , 39M , 40.5M , 52M , 54M , 58.5M , 65M , 81M , 108M , 121.5M , 135M , 150M , 270M , 300Mbps			
Transmission	DSSS			
Modulation	OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK			
Standard	IEEE802.11n,IEEE802.11g,IEEE802.11b,IEEE802.3u			
Protocol	CSMA/CA,TCP/IP,IPX/SPX,NetBEUI,DHCP,NDIS3,NDIS4,NDIS5			
Channel	2412 ~ 2472MHz			
Power Dissipation	≤10W			
Power	POE 24V 1A			
RF @25°C±2dB	802.11b	27±2dBm		
	802.11g	6-24Mbps	27±2dBm	
		36-48Mbps	25±2dBm	
		54Mbps	22±2dBm	
	802.11n	HT20	MCS 7	22±2dBm
		HT40	MCS 7	22±2dBm
Sensitivity	IEEE 802.11b	11Mbps ≤ -85dBm		
	IEEE 802.11g	54Mbps ≤ -70dBm		
	802.11n	HT20	MCS 7 ≤ -65dBm	
		HT40	MCS 7 ≤ -62dBm	

Antenna	Frequency	2412 ~ 2487MHz	
	Polarization	Vertical/Horizontal	
	Gain	5DBi x 2	
4G system	Support all-network 4G; Built-in 4G antenna		
	Band	GSM900/1800+TDD B38/39/40/41+FDD B1/2/3/4/8/12/13+WCDMA B1/2/4/5/8+TDS B34/39	
	Data	TDD	3GPP R9 CAT4 Download 150Mbps , Upstream rate 50Mbps
		FDD	3GPP R9 CAT4 Download 150Mbps , Upstream rate 50Mbps
		TD-SCDMA	Download 2.8Mbps , Upstream rate 2.2Mbps
		WCDMA	3GPP R7 Download 21Mbps , Upstream rate 5.76Mbps
		EDGE	Class12 , Download 236.8kbps , Upstream rate 118kbps
GPRS		Class10 , Download 85.6kbps , Upstream rate 85.6kbps	
Card slot	Sim card slot*2		
Management	WEP Management	Yes	
	SNMP MIB	Yes	
	Telnet	Yes	
	Serial	Yes	
Security	MAC Address Control	No	
	Encryption	WEP 64/128bits,WPA,WPA2,802.1x	

**Product specifications**

Size : 249\*116\*97MM

N.W : 0.5KG



Pack size : 275\*140\*113MM

G.W : 0.6KG

Advantages :

- 1.Unified network management, support local, platform firmware upgrade, configuration upgrade
- 2.Support 10/100M ( WAN ) port\*1 , can connect xDSL Modems/cable modems/Internet

Support 10/100M ( LAN ) port\*1 , support Auto MDI/MDIX

Provide 1 serial configuration port

- 3.Support automatic adjustment of wireless transmission rate
- 4.Support 2.4G , Output Power up to 500mw
- 5.Support 64/128 bit WEP encryption , Encryption and security mechanisms such as WPA, WPA2,  
WPA-Hybrid , Guarantee the security of data transmitted over the wireless network
- 6.Support customized SSID and encryption
- 7.Built-in network address translation (NAT)
- 8.Built-in DHCP server

Package attachment

Warranty card, router, user manual,24V PoE adapter, Screw, rubber plug, pole holder, Ring

Operating Condition

Operating Temperature : -40°C to 80°C

Storage Temperature : -40°C to 80°C

Operating Humidity : 10% to 90%RH (Non-condensed)

Storage Humidity : 5% to 90%RH(Non-condensed)