



802.11n Draft 2.0 Wireless AP Router (1T2R)

FD-1012014BGN2AR



Features

- Support advanced 2 x 4 MIMO Technology with up to 300Mbps downstream and upstream
 - [Realtek RTL8651C + RTL8190](#)
 - Complies with 2.4GHz IEEE802.11n Draft 2.0 and IEEE802.11g/b standards
 - Low Noise Amplifier(LNA) support
 - Support 20Mbps and 40Mbps bandwidth
 - Operation mode: Gateway, Bridge, Wireless ISP
 - Wireless mode: AP, Client, WDS, AP+WDS
 - DHCP Server/Client
 - RF output power adjustable
 - Virtual DMZ, Port Forwarding
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- Dynamic DNS
 - TCP/UDP/ICMP/ARP protocol stack
 - Firewall, URL/IP/Port/MAC filtering
 - Wireless users access control
 - Multiple SSID
 - NTP client
 - Wireless security - 64/128bit WEP, WPA TKIP, WPA2 AE2, 802.1x
 - Support PPPoE, VPN pass-through(PPTP and L2TP)
 - QoS enhancement - WMM
 - Support Microsoft LLTD(Link Layer Topology Discovery) protocol
 - Support Microsoft Vista Basic logo for wireless router
 - WPS(Wi-Fi Protected Setup) via PIN and PBC
 - Easy quick setup wizard with web-based utility
 - 3 detachable antennas and 1 built-in antenna



SPECIFICATIONS

Standard	IEEE 802.11n Draft 2.0
	IEEE 802.11g/b
Frequency Band	2.400GHz ~ 2.484GHz
Data Rate	802.11n(40MHz): up to 300Mbps
	802.11n(20MHz): up to 144Mbps
	802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps
	802.11b: 11, 5.5, 2 and 1 Mbps with auto-rate fall back
Access Protocol	CSMA/CA
Number of operation channel	U.S. 1-11
	Japan 1-13,14
	EETSI 1-13
Wireless Mode	AP
	Client
	WDS, AP
	WDS
Security	64/128bit WEP
	WPA(TKIP with IEEE 802.1x)
	WPA2(AES with IEEE 802.1x)
	WPA Mixed
Operation Mode	Gateway
	Bridge
	Wireless ISP
Sensitivity	-70dBm @ 802.11n
	-78dBm @ 802.11g
	-85dBm @ 802.11b
RF Output Power(Typical)	802.11b: up to 17 ± 1 dBm
	802.11g: up to 15 ± 1 dBm
	802.11n: up to 14 ± 1 dBm
Antenna	Three detachable antenna (Male SMA reverse)
	One built-in antenna



Dimension(mm)	170(L) x 135(W) x 27(H)
Storage Humidity	10% ~ 90% (Non-condensing)
Operation Temperature	Operation: 0°C ~ 60°C
Connector	Three antenna connector
	WPS button
	One RJ-45 port for WAN
	Four RJ-45 LAN ports(1 x GIGA port + 3 x 10/100Mbps ports)
	Reset to default button
	Power jack
Power requirement	DC 12V/1A