

RTL AP 3

802.11b/g 54 mbps



Power: 1000mW

Chipset: Realtek 8186 RAM: 16M

IP: 192.168.2.1

Intelligent Network

More mobility and greater range for your intelligent communicate your PCs and laptops connecting people from wireless.

Operational Mode: AP



Operational Mode: Client



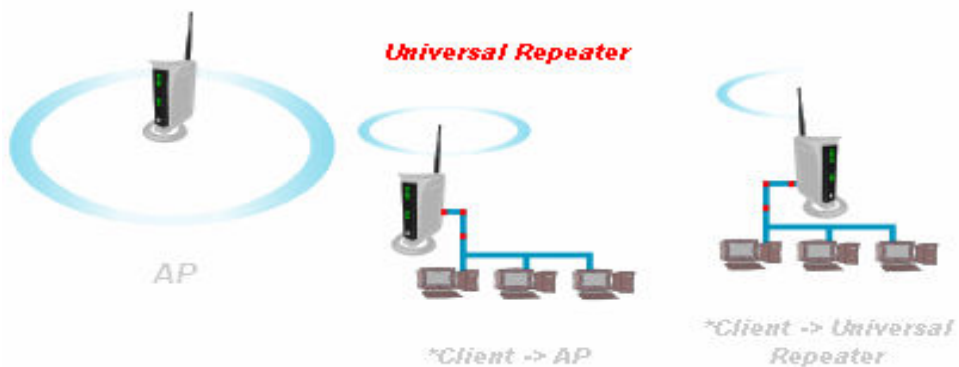
Operational Mode: WDS



Operational Mode: AP + WDS



Operational Mode: Universal Repeater



QoS Bandwidth Control

Enable QoS Control

Interface Control

Rates

Download	Upload
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** All rates must be informed as Kbps*

Enable QoS Control

Interface Control

QoS Firewall

MAC Control

IP Control

Enable QoS Group

QoS Tree

- A Main Group
 - Intranet
 - Intranet(192.168.200.0)
 - Telephone IP(192.168.200.2)
 - Clientes
 - Kent (192.168.1.200)
 - Julia (192.168.1.201)
 - Leann (192.168.1.203)

** All rates must be informed as Kbps*

Power Control

The RTL AP 3 provides adjustable power function so you can adjust the power dependant upon range and legalities.

1000mW

30dbm(1000mW) ▾

30dbm(1000mW)

29dbm(800mW)

28dbm(630mW)

27dbm(500mW)

26dbm(400mW)

25dbm(315mW)

24dbm(250mW)

23dbm(200mW)

22dbm(150mW)

20dbm(100mW)

18dbm(63mW)

FEATURES:

- 5 Operation Modes: Gateway, Bridge, Client ISP, Router (Ethernet WAN) and Router (Wireless WAN)
- Provide MAC for WAN/ LAN/ WLAN
- Telnet (client) added

- Edit / etc / cbu.conf WEB
- Option to disable SSH server
- New Configuration method: Save and Apply
- Clone WAN MAC
- ACK Timeout
- Support to the MESH (OLSR): <http://www.olsr.org>
- SSH Client
- Edit personal script / etc / script.sh web
- Selection of Region Domain WEB (11 or 14 channels)
- Edit / etc / ethers via web
- Control Power
- Utilities Iptraf
- Utilities tcpdump
- Remote access via SSH2
- Support the scheduling of tasks by crond
- Holds the MAC to IP and provides IP statically based on the MAC
- Freedom to write your own scripts
- Groups Control Band, with a guaranteed minimum rate by group members
- Watchdog · Over IP
- Block Relay
- PPPoE Relay
- DHCP Relay
- Setup wizard
- **Reset by firmware**
- **Reboot by firmware**
- Auto Discovery Tool
- 3 operational modes: WISP, Gateway and Bridge
- Control bandwidth per interface, by IP address or MAC (for HTB)
- WEP Encryption
- Authentication 802.1x, WPA and Radius
- Filter MAC, IP, port ...
- DMZ Host
- PPPoE-Client on all interfaces
- PPTP Protocol
- DDNS Protocol
- IAPP Protocol
- 'Hides' the SSID to avoid being discovered by simple scanners
- Every control via WEB

- Signal Meter
- Hardware Watchdog
- It operates as AP, Client, WDS + AP, WDS and Ad Hoc, IAPP Roaming
- Site Survey
- Server DHCP
- DHCP Client
- Up to 5 IP Alias on each interface
- Spanning Tree Protocol
- Enables the exchange server port WEB
- Protection against management via WAN
- Protection 802.11g
- Cloning MAC (for only one client)
- Allows sending commands via WEB interface
- Log system (local and remote)
- 48V Passive PoE

Specification

Product Name	RTL AP 3 WLAN Broadband Router
Standard	802.11b/g(Wireless), 802.3(10BaseT), 802.3u(100BaseT)
Data Transfer Rate	54Mbps(Wireless), 100Mbps(Ethernet)
Chipset	Realtek RTL8186
Modulation Method	IEEE 802.11b: CCK, DQPSK, DBPSK IEEE 802.11g: BPSK, QPSK, 16QAM, 64QAM DBPSK/ DQPSK/ CCK
RF Spreading Method	Direct Sequence Spread Spectrum (DSSS)
Frequency Band	N. America / FCC : 2.412 ~ 2.462 GHz (11 channels) Europe CE / ETSI : 2.412 ~ 2.472 GHz (13 channels) Japan : 2.412 ~ 2.484 GHz (14 channels) France : 2.457 ~ 2.472 GHz (4 channels) Spain : 2.457 ~ 2.462 GHz (2 channels)
Transmitter Characteristics	RF output power: 27 dBm (max.) @ 802.11g/54Mbps 500mw RF output power: 30 dBm(max.) @ 802.11b/11Mbps. 1000mw
Receiver Sensitivity	802.11b -98 dBm@8%, 802.11g -75 dBm@5%
Operation Range	1000 to 5000 meters (depend on surrounding)
Antenna	External 5 dBi Antenna
LED	Power, Active (WLAN/Ethernet)

Security	64 bit/ 128 bit WEP, WPA, WPA2, port filtering, IP filtering, MAC filtering, port forwarding and DMZ hosting
LAN interface	One 10/100BaseT with RJ45 connector (WAN) Four 10/100BaseT with RJ45 connectors (LAN)
Power Consumption	12V 1A DC Power Adapter (or 48V Passive PoE)
Operating Temperature	0 ~ 50oC ambient temperature
Storage Temperature	-20 ~ 70oC ambient temperature
Humidity	5 to 90 % maximum (non-condensing)
Dimension	195x136 x 45mm