

WL-525H

Embedded Radio

802.11b/g/n High Power AP/CPE Board



FEATURES

- 2.4GHz IEEE 802.11n 2x2 MIMO
- Complies with IEEE 802.11g
- Data-rate up to 300Mbps
- High power and High sensitivity
- Wide coverage
- RF output power adjustable
- Firewall, URL/IP/Port/MAC filtering
- Firmware upgrade via HTTP
- Support Gateway, Bridge and WISP mode
- Multiple ESSID
- QoS enhancement-WMM
- TCP/UDP/ICMP/ARP protocol stack
- Virtual DMZ, Port forwarding
- Easy setup wizard
- Web-based utility
- Passive PoE



WiFi-Link™ Technologies Inc.

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SPECIFICATION

Model		W525H	
Standard	IEEE 802.11b/g/n	Operation Mode	Gateway Bridge Wireless ISP
Chipset	RTL8196C		
Flash/SDRAM	2M / 16M		
Antenna	2x RP-SMA antenna connector	Wireless Mode	AP Client WDS AP+WDS
Frequency	2.400~2.483GHz	Data Rate	802.11b: 11, 5.5, 2, 1Mbps 802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps 802.11n(20MHz): up to 144Mbps 802.11n(40MHz): up to 300Mbps
Output Power	802.11b: up to 28 ± 1 dBm 802.11g: up to 26 ± 1 dBm 802.11n: up to 26 ± 1 dBm		
Sensitivity	-96dBm @ 802.11b -91dBm @ 802.11g -91dBm @ 802.11n		
Security	64/128bit WEP WPA(TKIP with IEEE 802.1X) WPA2(AES with IEEE 802.1X) WPA Mixed 802.1x authentication	Power requirement	12V Passive PoE
Operation Temperature	-20°C ~ 60°C	Storage Humidity	10% ~ 90% (Non-condensing)
Dimension(mm)	147 x 98 x 30 mm	Interface	RJ-45 WAN port x 1 RJ-45 LAN ports x 4 Reset button x 1 WPS button x 1



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