

AIP-W505

802.11n/b/g Wireless Router

W505 PCB is the 1 x 10/100Mbps WAN + 4 x 10/100Mbps LAN Ports, 802.11n AP/Router that provide up to 150Mbps high speed throughput.

W505 PCB is suitable for WISP applications such as AP/Router mode, WISP mode, WDS Bridge Mode, Wireless Bridge Mode and Hybrid Mode; it's easy to management by user friendly web-based interface

Features

- **High Speed Data Rates**

Providing faster data rates of up to 150Mbps and is compatible with legacy 802.11b/g equipment

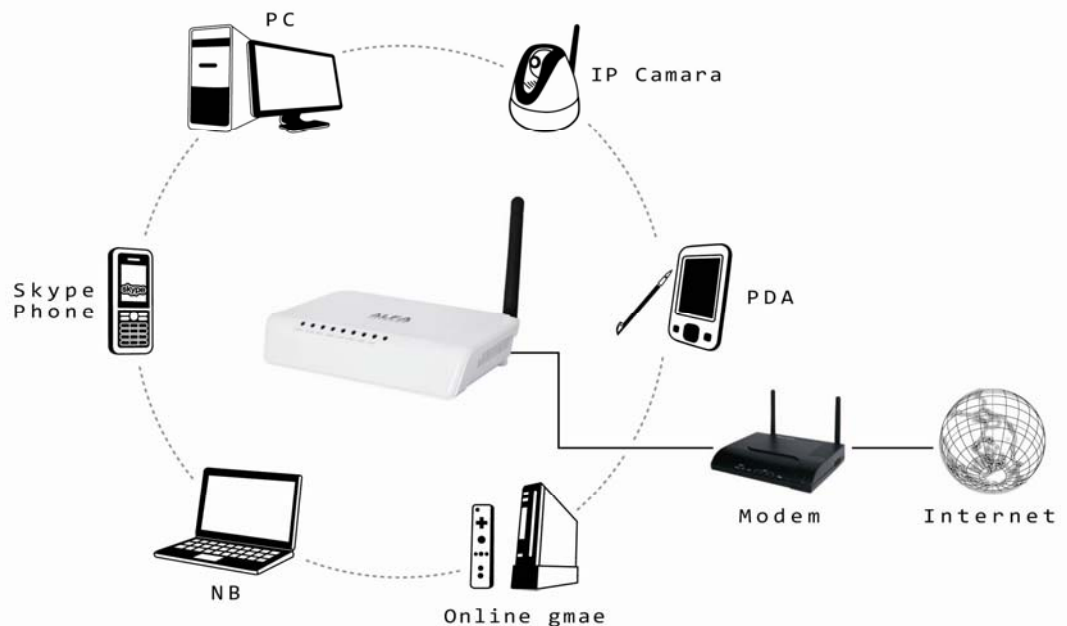
- **Advanced Robust Security**

Firewall with SPI to protect the internal host from hacker attacks. Wireless security is comprehensive and included WPA/WPA2 PSK

- **Feature Rich**

WDS, Dual SSIDs, Static Routing, QoS and more

Support URL & Keyword Filter



For further details:

Alfa Network Inc.,
4F-1 No. 106, Rueiguang Rd.,
Neihu District,
Taipei City, Taiwan.
<http://www.alfa.com.tw>
sales@alfa.com.tw

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Specifications

Standards	Wired: IEEE 802.3 (10Base-T) IEEE 802.3u (100Base-TX) Wireless: IEEE 802.11, IEEE 802.11g, IEEE 802.11n
Physical	1 x 10/100Mbps WAN Port 4 x 10/100Mbps LAN Port 1 x RP-SMA detachable Antenna + 2dBi antenna 1 x Reset button 1 x WPS Security Key
Management	Web-base management interface Remote management SNTP time synchronize
Output Power	802.11b: 20dBm \pm 2dBm 802.11g: 18dBm \pm 2dBm 802.11n: 18dBm \pm 2dBm
Sensitivity	-93dBm @ 802.11b -91dBm @ 802.11g -89dBm @ 802.11n
Data Rate	802.11n (40MHz): up to 150Mbps 802.11n (20MHz): up to 72Mbps 802.11g: 54,48,36,24,18,12,9,6Mbps 802.11b: 11,5.5,2,1Mbps
Wireless Mode	AP WISP Bridge Router
Operating Frequency	FCC: 2412~2462MHz (Ch1~Ch11) ETSI: 2412~2472MHz (Ch1~Ch13) Japan: 2412~2484MHz (Ch1~Ch14)
Security	NAT Firewall with SPI Access Control MAC filter DMZ Host SSID Broadcast disable Wireless MAC address Filtering WEP 64-/128-Bit Encryption WPA-/W PA2-PSK (Pre-shared Key) WPA/W PA2 Enterprise mode (802.1x) WiFi Protected Setup (WPS)
Router	Shares high speed cable/xDSL Internet connection 4 LAN port 10/100 with auto MDI-MDIX Built-in Wireless-N (802.11n) access point Static Routing NAT with ALGs NATP 802.11e WMM IGMP Proxy Dual SSIDs Keyword filter URL filter
Temperature	Operating: 0°C to 40°C (32°F to 104°F) Storage: -20°C to 60°C (-4°F to 140°F)
Humidity	Operating :10% to 85% Non-Condensing Storage: 5% to 90% Non-Condensing
Dimensions	135 x 90 x 30mm
Power Input	5V/2A

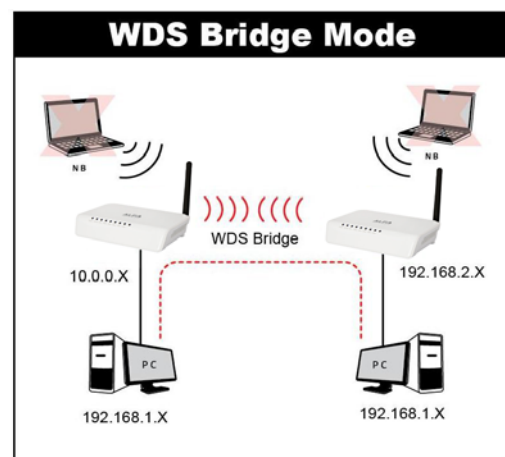
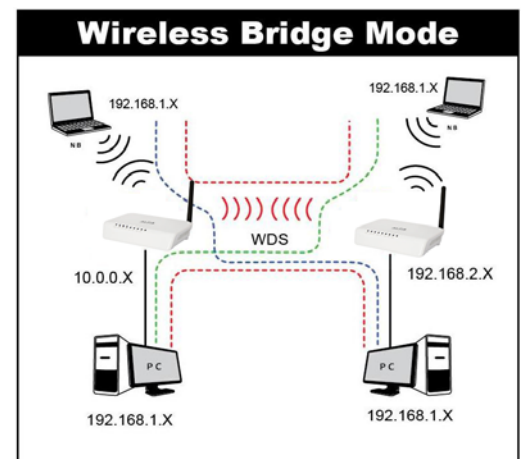
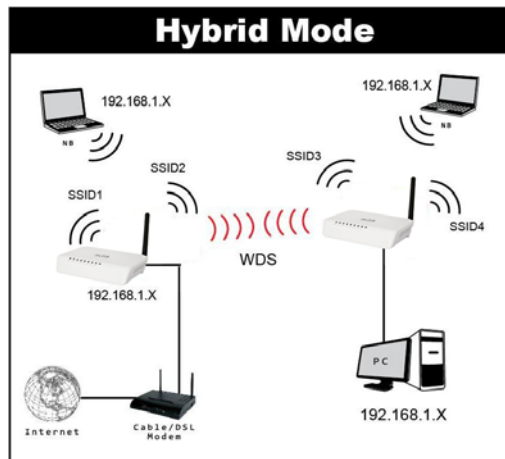
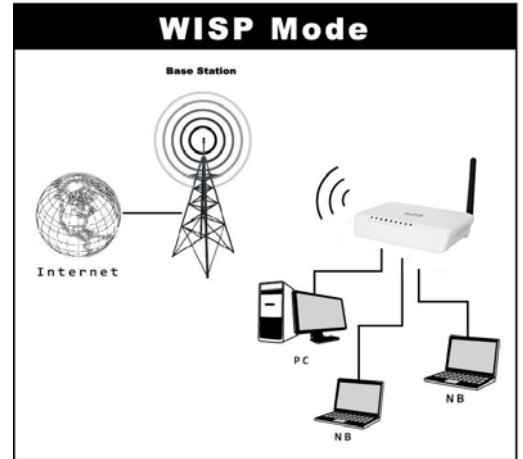
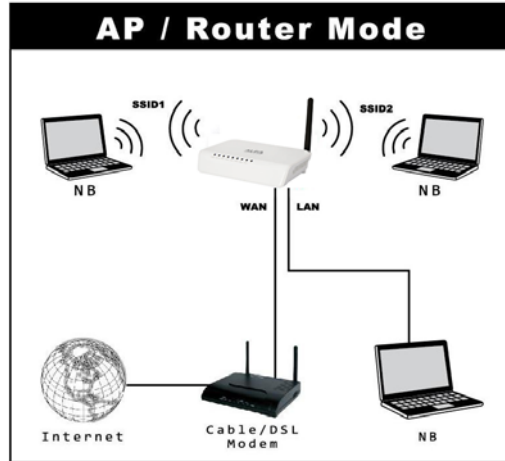
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Application Diagram



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