

11Mbps Mini Wireless Access Point

GigaFast's WF712-AP is an IEEE802.11b compliant 11Mbps Mini Wireless Access Point. Once installed, the WF712-AP has a range up to 300m outdoors and 30m indoors. Operating in the 2.4GHz frequency range using DSSS, the GigaFast Wireless Access Point is able to provide transparent bridging and roaming capabilities to any other wireless connections. The WF712-AP is complete with WEP (Wired Equivalent Privacy) encryption, user authentication, and MAC address control to ensure the security of the wireless network connections. In addition to the security features, the WF712-AP can also forward IP addresses from a DHCP server to wireless clients, creating a fully plug and play wireless environment. Included with the WF712-AP is an advanced access point manager software that can be installed on Windows 98, ME, 2000 and XP.



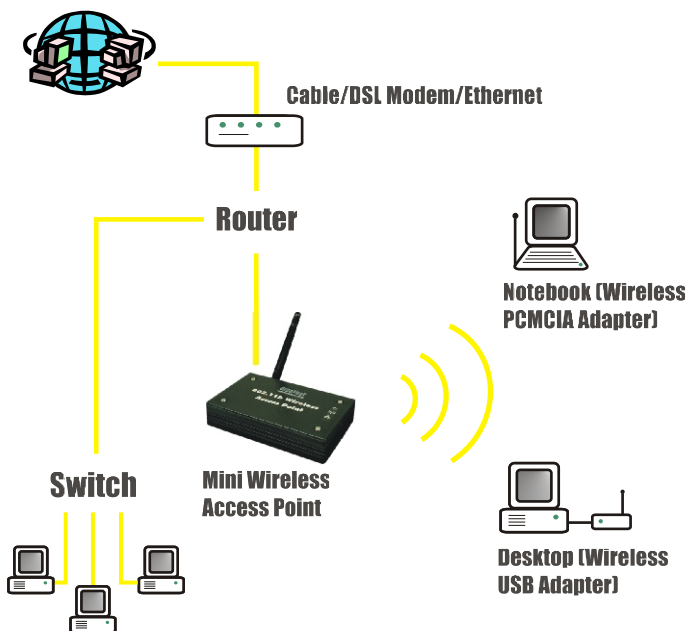
Features:

- ✎ Complies with IEEE802.11b standard for 2.4GHz Wireless LAN
- ✎ Supports 11Mbps data transfer rate with automatic fallback to 5.5M, 2M and 1Mbps
- ✎ Supports bridging function between wireless and wired Ethernet interfaces
- ✎ Supports 64-bit and 128-bit WEP encryption/decryption function to protect the wireless data transmission
- ✎ Supports IEEE802.3x full duplex flow control on 10/100M Ethernet interface
- ✎ Supports DHCP client for Ethernet auto IP address assignment
- ✎ Supports clone MAC address function
- ✎ Supports WEB based management and configuration

Functions:



Usage Diagram:



Specifications:

Standards	IEEE802.11b (Wireless), IEEE802.3 (10Base-T), 802.3u(100Base-T)
Chipset	Realtek RTL8181
Data Transfer Rate	11Mbps (Wireless), 100Mbps (Ethernet)
Modulation Type	DBPSK / DQPSK / CCK
Frequency Band	2.4GHz ~ 2.497GHz ISM Band, DSSS
RF Output Power	<17dBm
Receiver Sensitivity	11Mbps better than -80dBm @ 8% FER
Operation Mode	Wireless Access Point
Operation Range	30 to 300 meters (depend on surrounding)
Antenna	External Antenna
LEDs	Power, Active (WLAN), Act/Link (Ethernet)
Security	64-bit / 128-bit WEP
LAN Interface	One 10/100Base-T with RJ-45 port (LAN)
Power Consumption	DC 7.5V Power Adapter
Operating Temperature	0°C to 50°C ambient temperature
Storage Temperature	-20°C to 70°C ambient temperature
Humidity	5 to 90% maximum (non-condensing)
Warranty	3-years Limited & Free Technical Support (US Only)