



MODEL : ST5816H

FEATURES

- Complies with 5GHz IEEE802.11a standard
- Low Noise Amplifier(LNA) support
- Operation mode: Bridge, Gateway, Ethernet Converter
- Wireless mode: AP, Client, WDS
- DHCP Server/Client
- Virtual DMZ, Port Forwarding
- Firewall, IP/Port/MAC filtering
- URL filtering
- Wireless users access control
- Wireless security - 64/128bit WEP, WPA TKIP, WPA2 AES, 802.1x
- Support DHCP client, static IP, PPPoE, PPTP and L2TP for WAN connection
- Software WPS function
- Support Power over Ethernet (PoE passive)
- Reset button on PoE injector
- Support external antenna selection- (option)

SPECIFICATIONS

Wireless LAN Standard	IEEE 802.11a IEEE 802.11n
Frequency Band	5GHz
Data Rate	802.11a: up to 54Mbps 802.11n(20MHz): up to 72Mbps 802.11n(40MHz): up to 150Mbps
Operation Mode	Bridge Gateway Ethernet Converter
Sensitivity	-90dBm @ 802.11a -88dBm @ 802.11n

Output Power(Typical)	802.11a: up to 25± 1 dBm 802.11n: up to 22± 1 dBm
Wireless Mode	AP Client WDS
Antenna Type	Internal: 12 dBi Directional Antenna External (option): SMA connector
Security	64/128bit WEP WPA(TKIP with IEEE 802.1x) WPA2(AES with IEEE 802.1x)
Media Access Control	CSMA/CA
Storage Humidity	10% ~ 90% (Non-condensing)
Operation Temperature	Operation: -20°C ~ 70°C
Connector	One RJ-45 port for LAN One RJ-45 port for WAN Reset to default button on PoE injector
Power requirement	DC12V/1A
Number of operation channel	5.18GHz-CH36 5.200GHz-CH40 5.220GHz-CH44 5.240GHz-CH48 5.260GHz-CH52 5.280GHz-CH56 5.300GHz-CH60 5.320GHz-CH64 5.500GHz-CH100 5.520GHz-CH104 5.540GHz-CH108 5.560GHz-CH112 5.580GHz-CH116 5.600GHz-CH120 5.620GHz-CH124 5.640GHz-CH128 5.660GHz-CH132 5.680GHz-CH136 5.700GHz-CH140 5.745GHz-CH149 5.765GHz-CH153 5.785GHz-CH157 5.805GHz-CH161 5.825GHz-CH165