

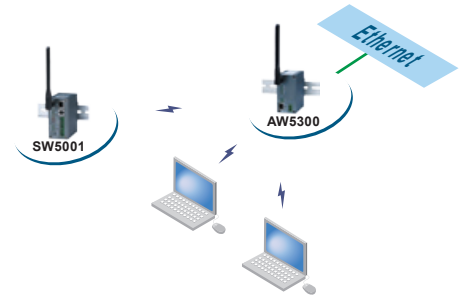
802.11g/b Access Point



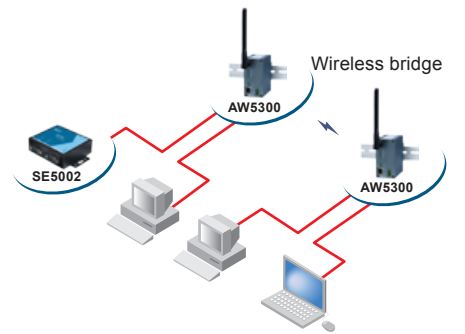
Specifications

System	
CPU	32-bit 150MHz RISC Processor with MMU
Flash	2+8 MB (2MB for Bootloader)
RAM	32 MBytes SDRAM
EEPROM	2K Bytes
Watchdog	Hardware built-in
Ethernet	
Compliance	IEEE802.3
Port	1-port
Transmission Rate	10/100Mbps Auto-detection
Connector	RJ-45
Auto MDI/MDI-X	Yes
WLAN	
Compliance	IEEE802.11g/b
Interface	Mini-PCI slot (for Wireless Module)
WEP	64-bit / 128-bit data encryption
WPA	WPA/WPA2-PSK compatible (Supported TKIP / AES encryption)
Modulation	CCK, DQPSK, DBPSK, OFDM (11g)
Tx Power	11b: 15dBm / 11g: 14dBm
Rx Sensitivity	-66dBm@54Mbps / -80dBm@11Mbps
Transmission Rate	54Mbps (max.) with auto fallback
Transmission Distance	Up to 300 meters
Topologies	Infrastructure, Ad-Hoc
Antenna connector	Reverse SMA
Access Point	
Other	AP/WDS/Bridge and hybrid
Power	
Input	DC 9 ~ 48V
Consumption	Max. 4.5 W (Tx Mode)
Environment	
Operating	0° ~ 65°C (32° ~ 149°F)
Storage	-40° ~ 85°C (-40°~ 185°F), 5 ~ 95%RH
Dimension	
W x H x D	45mm x 91mm x 80mm
Software	
Configuration	Web Page / Windows utility
Support Protocol	ARP, ICMP, TCP (UDP)/IP, DHCP Client, DNS, NTP,SNMP, SMTP,HTTP,Telnet
Ordering Information	
AW5300-WgN1	IEEE802.11g/b Access Point
AW5300C-WgN1	IEEE802.11g/b Access Point-Compact
Optional Accessories	
Antenna	HG055: 5.5dBi reverse SMA connector with 180cm cable HG090 9dBi reverse SMA connector with 150cm cable
RF Cable	HG-C150AN SMA(R) to N-male 150cm cable
Power Adapter	US315-12 (US / EU): AC100 ~ 240V / DC 12V ; 5.08mm pitch terminal block

Access Point Mode



Wireless Bridge Mode



Wireless WDS Hybrid Mode



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