

## 2.4GHz wireless digital network bridge/AP

ST2510AG



## Features highlight:

- Easy to use graphical user interface
- Adjustable power output gain, max 27dBm (when using 802.11b)
- STP supported (when deployed in complicated network topology)
- QoS
- Rugged outdoor design, durable die cast metal enclosure
- PoE Powered
- Multiple wireless operation mode: Client / AP / Bridge / Repeater

## Technical Specification:

Processing Unit	Atheros AR9331
SDRAM memory	32 M Byte
Flash memory	8 M Byte
Wireless communication type	DSSS/OFDM
Modulation mode	DSSS with CCK,DQPSK,DBPSK OFDM with BPSK,QPSK,16QAM,64QAM
Frequency range	USA FCC: 2.412~2.462 GHz (11- channel) Europe CE/ETSI: 2.412~2.472 GHz (13- channel)
Transmitting power	802.11b: 27±1dBm@1~11Mbps 802.11g: 25±1dBm@6~54Mbps 802.11n: 23±2dBm@HT20; 23±2dBm@HT40
Transmission speed	IEEE802.11b: 1/2/5.5/11Mbps IEEE802.11g: 6/9/12/18/24/36/48/54Mbps IEEE802.11n: MCS0~MCS7
Interface type	Auto sensing MDI/MDI-X Ethernet 10/100Base-TX: RJ-45 IEEE 802.11b: -92dBm @ 1Mbps; -87dBm @ 11Mbps, PER < 8%
Sensitivity	IEEE 802.11g: -88dBm @ 6Mbps; -73dBm @ 54Mbps, PER < 10% IEEE 802.11n: -88dBm @ MCS0; -70dBm @ MCS7, HT20. -85dBm @ MCS0; -68dBm @MCS7, HT40
Safety encryption	WEP, WPA/WPA2 Enterprise, WPA-PSK/WPA2-PSK,WEP 802.1x
Networking	Support Site Survey (AP search function) Support DHCP Startup and Shutdown Support hidden SSID, Support WPS Choice Support Spanning Tree Protocol Support wireless access control by MAC address (up to 50) Supports virtual LAN (VLAN up to 8 groups, each support 32 subscriber unit), Multiple SSID

	Support wireless isolation - VAP / Client
	Support segmented control
	Support system logs, SNMP v1/v2c
	MIB support: MIB I, MIB II (RFC-1213) and Private MIB
	Support QoS (WMM) multimedia system
Operation temperature	<b>-40°C ~ +80°C</b>
Power supply	PoE 802.3af/at
Waterproof standard	<b>IP 67</b>
System operation	Windows 2000/XP/Vista/Windows 7

## Dimension:

