



ST2412-N

It supports **802.11b / g** mode, belonging to carrier-class outdoor wireless bridge.

Support for WLAN IEEE802.11b / g, standards are IP68 certification, four kinds of operation modes: **AP, Wireless Client, Repeater and Wireless Bridge**, support **64/128/152-bit WEP** encryption and **WPA security** mechanisms to the AP, Repeater and Wireless Bridge Run mode provides "RSSI" for easy user management.

Power over Ethernet designed to comply with safety regulations IEEE802.3af

- **Output power: 100mw**
- **Built-in 12dB Panel Antenna can transmission 5KM**
- **Support POE power supply**
- **Transmission distance up to 10KM (External 24db high-gain dish antenna)**

AP Specification

Standards Compliance	IEEE 802.11b/g IEEE 802.3 IEEE 802.3u
SDRAM	8 M Byte
Flash	2 M Byte
Radio Frequency Type	DSSS / OFDM
Modulation	IEEE 802.11b: CCK,DQPSK,DBPSK IEEE 802.11g: OFDM with BPSK, QPSK, 16QAM, 64QAM
Frequency Band	America/FCC: 2.412~2.462 GHz (11 channels) Europe CE/ETSI: 2.412~2.472 GHz (13 channels)
Transmission Power	IEEE 802.11b: 20dBm IEEE 802.11g: 20dBm
Transmission Rate	IEEE802.11b: 1/ 2/ 5.5/ 11 Mbps IEEE802.11g: 6/ 9/ 12/ 18/ 24/ 36/ 48/ 54 Mbps Super G: up to 108Mbps
Access Point Interfaces	Auto MDI/MMDI-X Ethernet 10/100Base-TX: RJ-45
Sensitivity	-86dBm @ 11Mbps,PER< 8%;-64dBm @ 54Mbps,PER< 10%
Antenna Type	External antenna (dish antenna ,omni antenna or flat antenna)
Security Systems	64-bit/128-bit/152-bit/ WEP encryption and Wi-Fi Protected Access(WPA)
Wireless Setting	Operation Mode-AP/Wireless Client/Repeater/Bridge(WDS)PtP and PtMP Mode
Software/Firmware	Site Survey DHCP Client Suppressed SSID Station separation Wireless access control by MAC address (deny or accept) WPA Support (WPA personal and enterprise) Web-based configuration via popular browser (MS IE, Netscape...) Windows "Locator" program to help find IP in DHCP client mode Firmware upgrade and configuration backup via Web Reset to default by WebUI Support SNMP v1/v2c
Operating Environment	Operating Temperature: -10 ~ +70°C
Power	DC 12 Volt + 5%; 1.5A (Max.); AC adapter AC 100V ~ 240V
Regulatory Approval	FCC Part 15 B (US); CE
Network Management System OS Support	Windows 2000/ XP/ Vista Home BASIC
Warranty	One year limited