

5.8GHz & 2.4GHz digital wireless bridge transmission equipment

ST58-24abg



This product is a the same time meet the 802.11a/b/g standards, and based on 5.8GHz and 2.4GHz radio frequency technology, carrier-grade outdoor Wireless Bridge 108Mbps. Can provide a wide range, high-density wireless access, special VAP / VLAN function, powerful signal debugging, intelligent status display, all-weather waterproof, dustproof seal cooling, super-maintenance characteristics, to provide remote power POE, AP / Bridge / WDS mode, 400mw power output, makes the non-line-conditions are equally good performance. The equipment to meet the requirements of the operator to provide a simple, easy to install and easy management of wireless broadband access solutions.

Advantages:

Meet IEEE802.11a/b/g three standard, up to 108Mbps transfer rate

Many operating modes: AP (wireless access point), Client (client), Bridge (Bridge), WDS mode

POE remote power supply

Wider frequency range

Features:

Waterproof dustproof sealed all-weather design

Meet IP66/IP67 standards for use in harsh environment

Suitable for covering large urban areas, large file transfer

Specific VAP / VLAN function

Web-based management interface, support for remote control

Support online upgrade software

Advanced Security:

Support WEB (64/128/152bits) encryption

Support 802.1X/EAP Certification

Supports Wi-Fi Protected Access (WPA) and AES, TKIP

Layer2 isolation (to prevent eavesdropping LAN)

MAC address filtering (to prevent illegal attacks)

Hide SSID (to prevent illegal access)

System Setting		
Standard	IEEE802.11a/b/g , Dual-band dual-mode	
MAC+CPU	Atheros AR5213 Intel IXP 266MHz RF Chip: Atheros AR5112	
Frequency	5.8GHz ISM	
	2.3GHz to 2.5GHz	
Run Channel	FCC (USA)	5.150GHz~5.350GHz
		5.725GHz~5.825GHz
	ETSI (EUR)	5.150GHz~5.350GHz
		5.470GHz~5.725GHz
	MKK (JAPAN)	5.150GHz~5.250GHz
	China	5.725GHz~5.850GHz
AP Output power	400mw	
Antenna gain	18dBi (5.8G)	2.4GNeed an external antenna
Modulation	OFDM	
Hardware parameters		
Interface type	N-type Socket	
Ethernet	IEEE 802.3(10Base-T)	
	IEEE 802.3u(100Base TX)	
	IEEE 802.1d(spanning tree protocol)	

Management features:	
Management settings	Window and web-based management structure
OPERATION MODE	AP/WDS/Bridge/Smart WDS
SNMP manage	MIBII
Composition	TCP/IP IPX/SPX NetBEUI

Operating system	windows 98//2000/NT/XP
network architecture	Hot / point to point / multipoint / relay
IP setting	Support dynamic IP allocation
Support DHCP	DHCP Client
Wireless Security	
Data encryption	64/128/152bits WEP encryption
	WPA-PSK
	WPA
Prove	802.1X Auth (EAP)
Approbate	MAC Address Filtering
Advanced Security	Hide SSID
Physical Specification	
Operating Temperature	-20℃~55℃
Store temperature	-30℃~70℃
Humidity	95% Non-Condensing
Power supply	AC100-264V, DC12V, 50-60Hz
Size	259*250*75mm
Weight	2.8kg