ZyXEL

Firmware Release Note

ZyXEL G-570S

Release V1.00(ZJ.2)C0   2006/07/25

Date: **Jul 25, 2006**

ZyXEL G-570S Standard Version release V1.00(ZJ.2)C0|2006/07/25 Release Note

File Name:

Zyxel_G-570S_V1.00 (ZJ.2) C0_20060718.rmt (used by F/W upgrade)

Supported Platforms:

ZyXEL G-570S (HW0.2/0.5)

Software Base Versions:

V1.00 (ZJ.2) C0

Known Issues:

1. When fixed at 54Mbps, there are still control and management frame at 24Mbps
2. In wireless client mode, it takes 30 seconds to roam.
3. Multiple web/telnet log in is not forbidden.
4. The OTIST does not support WEP152

Notes:

Modification in 1.00 (ZJ2)C0 | 2005/7/25
1. OTIST in Wireless Client is supported.
2. Add Manual MAC clone (MAC spoofing) function in wireless client mode.
3. Add Site Survey function in wireless client mode.
4. Add Status information at the button of the web Configurator.
5. Add the function to show Ethernet client IP addresses in the association list in wireless client mode.
6. Add Super G/Turbo G support in Bridge mode and Repeater mode.
7. Fix the bug of WPA/WPA2 compatibility function in wireless client mode.
8. Fix the bug of compatibility function with hidden AP in wireless client mode.
9. Fix the bug of system log function. Now G-570S will clear the oldest logged event when the number of logged event reached 100.
10. Fix the multi-lingual translation errors.

V1.00 (ZJ.1) C0

Notes:

Modification in 1.00 (ZJ1)C0 | 2005/2/16
11. Correct German Web UI wording problem.

V1.00 (ZJ.0) C0

Notes:

1. First official release.

Modification in 1.00 (ZJ0)C0 | 2005/11/15
1. Modify for formal release.

Appendix:

G-570S Command List

Command Class List Table		
Get Command	Set Command	Del Command
Other Command		

Get Command   Home

Command				Description
get				All commands beginning with "get" show relative infomation
	system			display all information of subnode of system
		device name		display device name
		ethstats		display ethernet status
		macaddr		display MAC address of device
		country		display doumain/region
		version		display firmware version
		bridge		display bridge infomation
			iptype	display the way that the bridge obtains IP address
			ipaddr	display IP address of bridge
			netmask	display subet mask address of bridge
			gateway	display gateway of bridge

	radius			display all information of the radius authentication server
		auth		display all information of the radius authentication server
			ipaddr	display IP address of radius authentication serverdengyixia
			port	display port using for radius authentication service
			secret	display key using for radius authentication service
	wlan			display all information of wlan
		association		display association list of device
		acl		display information about ACL
			mode	display mode of ACL function
			list	display all MAC in ACL list
		authentication		display authentication type
		encryption		display encryption type
		beaconinterval		display wireless beacon interval
		channel		display channel that device work on
		dtim		display wireless DTIM
		fragmentationthreshold		display wireless RTS threshold
		hide ssid		display whether hide ssid or not
		Intra-BSS Traffic		display enable Intra-BSS traffic function or not
		key		display all keys using for WEP encryption
			type	display key type
			[1|2|3|4]	display key [1|2|3|4] using for WEP encryption
			default	display default key No. used by WEP encryption
			passphrase	display passphrase
		maxconnectionnum		display the number allowed to connect with the device
		operationmode		display which mode that the device work on
		power		display power
		preamble		display preamble type
		radio		display enable radio or not
		rate		display data rate of AP
		remoteap		
			ap+repeater [1|2|3|4]	display one or all remote MAC
			bridge [1|2|3|4]	display one or all remote MAC
		ssid		display SSID of AP
		super-G		display enable super-G or not
		turbo-G		display enable trubo-G or not
		wirelessmode		display wireless mode
		wlanstats		display WLAN status
		wpa		display all information about WPA
			keyupdate mode	display key update mode
			keyupdate interval pkt	display key update condition by packets
			keyupdate interval sec	display key update condition by time
			psk	display WPA-PSK or WPA2-PSK key
			reauthtime	display reauth-time
		wmm		display enable WMM function or not

Set Command

Command				Description
set				
	system			
		device name	<device name>	set device name
		bridge		
			iptype <DHCP client|static IP>	set the way that the bridge obtains IP address
			ipaddr <ipaddr>	set IP address of bridge
			netmask <netmask>	set subet mask address of bridge
			gateway <gateway>	set gateway of bridge
	radius			
		auth		
			ipaddr <ipaddr>	set IP address of radius authentication serverdengyixia
			port <port >	set port using for radius authentication service
			secret <secret >	set key using for radius authentication service
	wlan			
		acl		
			Mode <deny|disabled|enabled>	set mode of ACL function
			list <mac list>	set MAC to ACL list
		authentication	<(WPA+WPA2) with Radius|(WPA+WPA2)-PSK|Legacy 802.1X|None|WEP|WPA with Radius|WPA-PSK|WPA2 with Radius|WPA2-PSK>	set authentication type
		encryption	<wep|aes|tkip|aes+tkip|none>	set encryption type
		beaconinterval	<20-1000>	set wireless beacon interval
		channel	<channel>	set channel that device work on
		dtim	<1-255>	set wireless DTIM
		fragmentationthreshold	<256-2346>	set wireless RTS threshold
		hide ssid	<enabled|disabled>	enable hide ssid or not
		Intra-BSS Traffic	<enabled|disabled>	enable Intra-BSS traffic function or not
		key		
			type <64hex|128hex|152hex>	set key type
			<1|2|3|4> <key>	set key [1|2|3|4] using for WEP encryption
			default <1|2|3|4>	set default key No. used by WEP encryption
			passphrase <passphrase>	set passphrase
		maxconnectionnum	<1~32>	set the number allowed to connect with the device
		operationmode	<ap|ap+repeater|bridge|wireless client>	set which mode that the device work on
		power	<12%|25%|50%|Full|Min>	set power
		preamble	<dynamic|long>	set preamble type
		radio	<enabled|disabled>	set enable radio or not
		rate	<rate>	set data rate of AP

		remoteap		
			ap+repeater <1|2|3|4> <MAC addr>	set remote MAC
			bridge <1|2|3|4> <MAC addr>	set remote MAC
		ssid	<ssid>	set SSID of AP
		super-G	<enabled|disabled>	enable super-G or not
		turbo-G	<enabled|disabled>	enable trubo-G or not
		wirelessmode	<802.11b only|802.11g only|Auto (11g/11b)>	set wireless mode
		wpa		
			keyupdate mode <never|packets|seconds>	set key update mode
			keyupdate interval pkt <100~3600>	set key update condition by packets
			keyupdate interval sec <100~3600>	set key update condition by time
			psk <psk key>	set WPA-PSK or WPA2-PSK key
			reauthtime <100-3600>	set reauth-time
		wmm	<enabled|disabled>	enable WMM function or not

Del Command   [Home](#)

Command				Description
del				
	wlan			
		acl		
			list <one MAC addr | all>	delete one or all MAC in ACL list
		key		delete all keys using for WEP encryption
			<1|2|3|4>	delete key <1|2|3|4> using for WEP encryption
			passphrase	delete passphrase
		remoteap		
			ap+repeater <1|2|3|4>	delete one of <1|2|3|4> remote MAC
			bridge <1|2|3|4>	delete one of <1|2|3|4> remote MAC

Other Related Command   [Home](#)

Command				Description
password				change password
reboot				reboot system
default				default AP
exit				logout current user
quit				quit CLI
help				show help