Command Line Management

[Mode] Wireless Mode			
sys			
	operation	<0:AP|1:Client|2:Bridge|3:WDS Repeater|4:Universal Repeater|5:WISP|6:WISP+Universal Repeater|7:Gateway>	
[Mode] Basic Settings			
wlan			
	alias	[string]	
	active	[on|off]	
	chid	[channel_id|auto]	
	essid	[essid]	
	rssid	[rssid]	
	band	[b|g|bg]	
	mode	[client <infrastructure|adhoc>]	
	clone	[mac_addr|auto|manual]	
	encrypt	[both|wlan|wan]	
	wds		
		peer	
			disp
			add [mac]
			delete [id]
			clearall
		encrypt	[off]
			wep [64|128] <ascii|hex> <key>
			wpa [tkip|aes] <pass|hex> <key> [gklt]
			wpa2 [mixed|aes] <pass|hex> <key> [gklt]
	stp	[on|off]	
	isolation	[on|off]	

wlan			
	alias	[string]	
[Mode]　Site Survey			
wlan			
	survey		
		connect	[id]
			(only support in Client, WISP, Universal Repeater Mode, WISP + Universal Repeater Mode)
[Mode]　Security			
wlan			
	auth	[open|share|auto]	
	security		
		encrypt	[off]
			wep [64|128] <ascii|hex> <1:key1|2:key2|3:key3|4:key4> <key>
			wpa [tkip|aes] <pass|hex> <key> [gklt]
			wpa2 [mixed|aes] <pass|hex> <key> [gklt]
		1x	[off|on <port> <ip_addr> <password> <wep [64|128]|wpa [tkip|aes]|wpa2 [mixed|aes]>]
		preauth	[on|off]
		account	[off|on <port> <ip_addr> <password>]
[Mode]　Advanced Settings			
wlan			wlan
	preamble	[long|short]	
	bssid	[on|off]	
	iapp	[on|off]	
	protect11g	[on|off]	
	fragment	<256~2346>	
	rts	<0~2347>	

	beacon	<20~1024>	
	inactivity	<100~60480000>	
	datarate	<0~12>	
	txpower	<1~10>	
	watchdog	[off|on <interval:1~60> <host>]	
[Mode] Access Control			
wlan			
	acl		
		disp	
		off	
		allow	
		deny	
		add [mac]	
		delete [id]	
		clearall	
[Mode] Wan Port			
wan			
	clone	[mac_addr]	
	dns	[auto|manual]	
	static	[ip_addr <netmask> <gateway>]	
	dhcp	[on|release|renew]	
	pppoe	<username> <password> [svname 0|1 <service_name>] <auth_type> <mppe> <mtu_value> dynwan dynpppoe [connect 0|1 <timeout>|2]	
	pptp	<ip [server_ip]|url [server_url]> <username> <password> <auth_type> <mppe> <mtu_value> [static <ip_addr> <netmask> <gateway>|dynamic]	
	l2tp	<ip [server_ip]|url	

		[server_url]> <username> <password> <auth_type> <mppe> <mtu_value> [static <ip_addr> <netmask> <gateway>|dynamic] <timeout>	
		auth_type: 0. PAP 1. CHAP 2. MSCHAP 3. MSCHAP2	
		mppe: 0. none 1. 40bits 2. 56bits 3. 128bits	
	link	[status|set <mode>]	
	protocol	status	
sys	server	access	icmp <0:disabled|1:enabled>
	passthruvpn	ipsec <0:disabled|1:enabled>	
	passthruvpn	pptp <0:disabled|1:enabled>	
	passthruvpn	l2tp <0:disabled|1:enabled>	
[Mode] Virtual Servers			
ip			
	nat		
		server	
			disp
			delete [id]
			clearall
			add <ser_ip> <server> [proto <from_port [to_port]>]
			server: 0. Customize 1. Web, 2. FTP, 3. POP3, 4. SMTP, 5. DNS, 6. Telnet
			proto: 1. TCP+UDP, 2. TCP, 3. UDP
[Mode] Special Applications			
ip			
	nat		

		service	
			disp
			sap1 [on|off|clear|edit <name> <in_proto> <in_from_port> <in_to_port> <trig_proto> <trig_from_port> <trig_to_port>]
			sap2 [on|off|clear|edit <name> <in_proto> <in_from_port> <in_to_port> <trig_proto> <trig_from_port> <trig_to_port>]
			sap3 [on|off|clear|edit <name> <in_proto> <in_from_port> <in_to_port> <trig_proto> <trig_from_port> <trig_to_port>]
			sap4 [on|off|clear|edit <name> <in_proto> <in_from_port> <in_to_port> <trig_proto> <trig_from_port> <trig_to_port>]
			sap5 [on|off|clear|edit <name> <in_proto> <in_from_port> <in_to_port> <trig_proto> <trig_from_port> <trig_to_port>]
			sap6 [on|off|clear|edit

			\<name\>　　　\<in_proto\> \<in_from_port\> \<in_to_port\> \<trig_proto\> \<trig_from_port\> \<trig_to_port\>]
			sap7　　　[on|off|clear|edit \<name\>　　　\<in_proto\> \<in_from_port\> \<in_to_port\> \<trig_proto\> \<trig_from_port\> \<trig_to_port\>]
			sap8　　　[on|off|clear|edit \<name\>　　　\<in_proto\> \<in_from_port\> \<in_to_port\> \<trig_proto\> \<trig_from_port\> \<trig_to_port\>]
			proto: 1. TCP+UDP, 2. TCP, 3. UDP
[Mode]　Remote Management			
sys			
	server	access	web \<0:disabled|1:enabled\>
		port	web \<portnum\>
		access	telnet \<0:disabled|1:enabled\>
[Mode]　URL Filtering			
ip			
	urlfilter		
		customize	
			disp
			add [string]
			delete [id]
			clearall
[Mode]　MAC Filtering			

ip			
	macfilter		
		customize	
			disp
			add [mac_addr]
			delete [id]
			clearall
[Mode]　IP Filtering			
ip			
	ipfilter		
		customize	
			disp
			add　　　　　　[ip_addr] <1:tcp+udp|2:tcp|3:udp>
			delete [id]
			clearall
[Mode]　Traffic Control(Qos)			
qos			
	disableif		
	enableif	lanoutput [output rate]	
		wanoutput [output rate]	
	addpolicytab	[Policy Name][LAN Out Rate][WAN Out Rate][[Comment]]	
	disableip		
	enableip		
	addiptab	[PolicyName][IP][[Comment]]	
	disablemac		
	enablemac		
	addmactab	[PolicyName][MAC][[Comment]]	
	show	policytab	
		iptab	
		mactab	
	delallpolicy		
	delallip		

	delallmac		
	delpolicy	[Policy]	
	delip	[IP]	
	delmac	[MAC]	
[Mode]　DoS Setting			
dos			
	disabledos		
	enabledos		
	enable	<clearall>[Packets/Second] <selectall>[Packets/Second] <sysfloodsyn>[Packets/Seco nd]<sysfloodfin>[Packets/Se cond]<sysfloodudp>[Packet s/Second]<sysfloodicmp>[P ackets/Second]<persrcipfloo dsyn>[Packets/Second]<per srcipfloodfin>[Packets/Secon d]<persrcipfloodudp>[Packe ts/Second]<persrcipfloodicm p><tcpudpportscan ><icmpsmurf><ipland><ips poof><ipteardrop><pingofd eath><tcpscan><tcpsynwit hdata><udpbomb><udpech ochargen><srcipblocktime >[sec]	
	disable	<sysfloodsyn><sysfloodfin> <sysfloodudp><sysfloodicm p><persrcipfloodsyn><pers rcipfloodfin><persrcipfloodu dp><persrcipfloodicmp><tc pudpportscan ><icmpsmurf><ipland><ips poof><ipteardrop><pingofd eath><tcpscan><tcpsynwit	

		hdata><udpbomb><udpechochargen><srcipblocktime >	
[Mode]　Dynamic DNS			
ddns			
	enabledyndns	<Domain　Name><User Name/Email><Password/Key>	
	enabletzo	<Domain　Name><User Name/Email><Password/Key>	
	disableddns		
	result		
[Status]　Statistics			
ip			
	status		
[Status]　Active Wireless Client Table			
wlan			
	association		
[TCP/IP]　LAN Interface Setup			
ip	address	[addr]	
	subnetmask	[netmask]	
	gateway	[addr]	
	dhcp	on	[client|server|relay <server_ip>]
		off	
		client	
			[start_ip <end_ip>]
		status	
	dns		
		server	
			[ip1 <ip2> <ip3>]
		status	
[Reboot] Reboot System			
reboot			
[Other] Password			
sys			
	password	[pw]	(if　[pw]　is　empty,　then

			clear the password)
[Other] Save / Reload Setting			
save			
factorydefault			
[Other] NTP			
sys			
	ntp		
		showcurrenttime	
		setcurrenttime	<yyyy/mm/dd/hh/MM/ss>
		enablentp	
		timezoneselect	<zone num>
		ntpserver	<servernum>
			manualipsetting <ip>
		disablentp	
[Other] System Log			
sys			
	log		
		disable	
		enablesysall	[showsysall]
		enablewlanonly	[showwlanonly]
		clear	