

All commands will take effect only after reboot.

Webpage	CLI Commands
<b>[Mode] Wireless Mode</b>	
	sys operation <0: AP 1: Client 2: Bridge 3: WDS Repeater 4: Universal Repeater 5: WISP 6: WISP+Universal Repeater 7: Gateway>
<b>[Mode] Basic Settings</b>	
wlan	alias [string] active [on off] chid [channel_id auto] ssid [ssid] 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 [off] encrypt 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]
<b>[Mode] Site Survey</b>	
wlan	survey connect [id] (only support in Client, WISP, Universal Repeater Mode, WISP + Universal Repeater Mode )
<b>[Mode] Security</b>	
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>]
<b>[Mode] Advanced Settings</b>	
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>] acktimeout <0~255>
<b>[Mode] Access Control</b>	
wlan	acl disp off allow deny add [mac] delete [id] clearall
<b>[Mode] Wan Port</b>	
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> <mppoe> <mtu_value> dynwan dynpppoe [connect 0|1 <timeout>|2]
pptp    <ip [server_ip]|url [server_url]> <username> <password> <auth_type> <mppoe> <mtu_value> [static <ip_addr> <netmask> <gateway>|dynamic]
l2tp    <ip [server_ip]|url [server_url]> <username> <password> <auth_type> <mppoe> <mtu_value> [static <ip_addr> <netmask> <gateway>|dynamic] <timeout>
auth_type: 0. PAP 1. CHAP 2. MSCHAP 3. MSCHAP2
mpps: 0. none 1. 40bits 2. 56bits 3. 128bits

link      [status|set <mode>]
protocol  status
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>
upnp     <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
port
access
web <0:disabled|1:enabled>
web <portnum>
telnet <0:disabled|1:enabled>

```

**[Mode] URL Filtering**

```

ip
urfilter
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

```

**[Status] Statistics**

```

ip
status

```

**[Status] Active Wireless Client Table**

```

wan
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>]
dns	status		
	server		[ip1 <ip2> <ip3>]
	status		

**[Reboot] Reboot System**

reboot

**[Other] Password**

sys	password	[pw]	(if [pw] is empty, then clear the password)
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**[Other] Save / Reload Setting**

save  
factorydefault