# WL-550V 系列产品快速配置指南



# 北京伟联科技有限公司

技术部编制

support@witlinc.cn
www.witlinc.cn

# 目录

第一章、	登录设备	2
1,	采用 WEB 登录模式	2
第二章、	配置网络接口信息	3
1,	配置 IP 地址	3
2,	配置 wan	4
3,	删除配置	6
第三章、	配置防火墙	6
第四章、	配置 1:1NAT	8

- 第一章、 登录设备
  - 1、采用 WEB 登录模式

在浏览器地址栏中填写设备 IP 地址 (默认 IP 在侧面标签上查看),即可登录设备进入首页 如下图:

Please 6	enter your username and password.
	Username witlinc Password
WitLinc®	
tatus	System
vstem	
Sustam	Here you can configure the basic aspects of your device like its hostname or the timezone.
System Administration Time Synchronisation	Here you can configure the basic aspects of your device like its hostname or the timezone. System Properties
System Administration Time Synchronisation Reboot	Here you can configure the basic aspects of your device like its hostname or the timezone.           System Properties           General Settings         Logging
System Administration Time Synchronisation Reboot ervices	Here you can configure the basic aspects of your device like its hostname or the timezone.           System Properties           General Settings         Logging           Local Time         Thu Mar 23 02:19:07 2017           SYNC WITH BROWSER
System Administration Time Synchronisation Reboot ervices letwork	Here you can configure the basic aspects of your device like its hostname or the timezone.  System Properties  General Settings Logging Local Time Thu Mar 23 02:19:07 2017 SYNC WITH BROWSER Hostname Witlinc
System Administration Time Synchronisation Reboot ervices letwork	Here you can configure the basic aspects of your device like its hostname or the timezone.           System Properties           General Settings         Logging           Local Time         Thu Mar 23 02:19:07 2017           Hostname         Witlinc           Timezone         Americar/Vancouver
System System Administration Time Synchronisation Reboot ervices letwork Dgout	Here you can configure the basic aspects of your device like its hostname or the timezone.           System Properties           General Settings         Logging           Local Time         Thu Mar 23 02:19:07 2017           SYNC WITH BROWSER           Hostname         Witlinc           Timezone         America/Vancouver
System System Administration Time Synchronisation Reboot ervices letwork Ogout odel Name: WL-430T-A ostname: WIL-630T-A ostname: WILfor	Here you can configure the basic aspects of your device like its hostname or the timezone.          System Properties         General Settings       Logging         Local Time       Thu Mar 23 02:19:07 2017         Hostname       Witlinc         Timezone       Americal/Vancouver
System System Administration Time Synchronisation Reboot ervices Jetwork Ogout Nodel Name: WL-430T-A ostname: Witlinc oftware Reversion: 0.0601	Here you can configure the basic aspects of your device like its hostname or the timezone.           System Properties           General Settings         Logging           Local Time         Thu Mar 23 02:19:07 2017           SYNC WITH BROWSER         Hostname           Hostname         Witlinc           Timezone         America/Vancouver
System System Administration Time Synchronisation Reboot ervices Jetwork Ogout lodel Name: WL-430T-A ostname: Witlinc oftware Reversion: 0.06.01	Here you can configure the basic aspects of your device like its hostname or the timezone.          System Properties         General Settings       Logging         Local Time       Thu Mar 23 02:19:07 2017         SYNC WITH BROWSER         Hostname       Witlinc         Timezone       America/Vancouver         Time Synchronization       Enable NTP client
System System Administration Time Synchronisation Reboot Services Vetwork Cogout Nodel Name: WL-430T-A Iostname: Witinc oftware Reversion: 0.0601	Here you can configure the basic aspects of your device like its hostname or the timezone.          System Properties         General Settings       Logging         Local Time       Thu Mar 23 02:19:07 2017         SYNC WITH BROWSER         Hostname       Witlinc         Timezone       Americal/Vancouver         Fines Synchronization       Enable NTP client         Provide NTP server       Image: Comparison of the server

## 第二章、 配置网络接口信息

1、 配置 IP 地址

Network 菜单栏中打开 Interface 选择 LAN 选择 EDIT 进行配置。例如:将 LAN 口地址修改为 192.168.8.1 如下图:

WitLinc®						AUTO REFRESH
Status	AN 3G LAN					
System						
Services	nterraces					
Network						
Interfaces	Interface Overview					
Wifi	Network Statu	15			Actions	
Hostnames Static Routes	LAN MAC- (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	ne: 0h 4m 54s Address: 00:02:2B:00:51:A9 3.29 KB (1185 Pkts.) 52.20 KB (1050 Pkts.) 192.168.8.1/24		CONNECT	STOP	DELETE
Diagnostics	3G RX: 0.	00 B (0 Pkts.)		CONNECT	STOP EDIT	DELETE
Firewall OoS	3g-3G Uptin	ne: 0h 0m 0s				
	eth0.1 TX: 3	Address: 00:00:00:00:00:00 00 B (0 Pkts.) 3.91 KB (104 Pkts.)		CONNECT	STOP EDIT	DELETE
Logout	ADD NEW INTERFACE					
Status	WAN 3G LAN					
Status						
System	Interfaces	- LAN				
Services	On this page you ca	in configure the netwo	rk interfaces. You can bridge several ir	torfaces by tir	king the "bridge	a interfaces" field
Network	interfaces separated	I by spaces. You can al	so use <u>VLAN</u> notation INTERFACE. VLANNE	( <u>e.g.</u> : eth0.1).	ang tre bridge	- Interfaces field
Interfaces						
Wifi	Common C	onfiguration				
DHCP and DNS	General Setup	Physical Settings	Firewall Settings			
Hostnames		Status	Uptime: 0h 6m 48s	51-0.9		
Static Routes			br-lan TX: 485.31 KB (1647 Pkts.)	1.07		
Diagnostics			IPv4: 192.168.8.1/24			
Firewall		Protocol	Static address		•	
Q03		IPv4 address	192.168.8.1			
Logout		IPv4 netmask	255.255.255.0		•	
1		IPv4 gateway				
Nodel Name: WL-430T-A Hostname: Witlinc		IPv4 broadcast				
Software Reversion:	-		0		475	

# 2、 配置 wan

在 Network 菜单栏中打开 Interface 选择 WAN 选择 EDIT 进行配置。例如: PPPoE 拨号上网配置 如下图:

WitLinc	8		AUTO RE
Status	WAN 3G LAN		
System Services	Interfaces		
Network Interfaces	Interface Ove	rview	
Wifi	Network	Status	Actions
DHCP and DNS Hostnames Static Routes	LAN St (550) br-lan	Uptime: 0h 14m 1s MAC-Address: 00:051:A9 RX: 28242 KB (3111 Pkts.) TK: 741.23 KB (3025 Pkts.) IFW: 192.168.8.1/24	CONNECT STOP EDIT DELETE
Diagnostics Firewall	3G 10 3g-3G	RX: 0.00 B (0 Pkts.) TX: 0.00 B (0 Pkts.)	CONNECT STOP EDIT DELETE
QoS	WAN eth0.1	Uptime: 0h 0m 0s MAC-Address: 00:00:00:00:00:00 RX: 0.00 B (0 Pkts.) TX: 94.79 KB (282 Pkts.)	CONNECT STOP EDIT DELETE
Logout	ADD NEW INTERFACE		



WitLinc®			
Status System Services	Interfaces - WAN On this page you can configure the network interfaces separated by spaces. You can also	interfaces. You can bridge sev use <u>VLAN</u> notation INTERFACE. 1	eral interfaces by ticking the "bridg LANNE ( <b>e.g.</b> : eth0.1).
Network	Common Configuration		
Interfaces Wifi	General Setup Physical Settings F	irewall Settings	
DHCP and DNS	Status	Pppoe-wan <b>TX</b> : 0.00 B (0 Pkts	)
Static Routes	Protocol F	PPoE	•
Diagnostics	PAP/CHAP username		Y
Firewall	PAP/CHAP password		<i>8</i>
Qos	Access Concentrator	uto	
Logout	Service Name at	Leave empty to autodetect uto	
Model Name: WL-430T-A	0	Leave empty to autodetect	
删除配置			

删除接口信息只需点击该接口对应的 DELETE 按钮即可删除 如下图:

<b>3G</b> 3g-3G	RX: 0.00 B (0 Pkts.) TX: 0.00 B (0 Pkts.)	CONNECT	STOP	EDIT	DELETE	
a)						

#### 第三章、 配置防火墙

3,

1、在 Network 菜单栏中点击 Firewall,如下图:

With inc.									
	THEWAI ZONE S	tungs							
tatus	The firewall creates zones over your	network interfaces to c	ontrol network t	raffic flow.					
System									
Services	General Settings								
Vetwork	Enable SYN-flood prote	tion 🗹							
Interfaces	Drop invalid par	:kets 🔲							
Wifi	1	nput accept			,				
DHCP and DNS		transe accord							
Hostnames	0	itput accept			-				
Static Routes	For	ward accept			•				
Diagnostics									
Firewall									
QoS	Zones								
Serial	Zones								
	Zone ⇒ Forwar	dings	Input	Output	Forward	Masquerading	MSS clamping		
Logout	lan: 🔡 👳	⇒ wan	accept •	accept •	accept 🔻			EDIT	DELETE
Vodel Name: WL-430T-A	wan: wan: 📰 3G: 🕅	⇒ REJECT	reject 🔻	accept 🔻	reject 🔻		۲	EDIT	DELETE
Software Reversion: +	_								

2、在Firewall 配置页面,将Zones 部分的Input、Output、Forward 下方的内容全部选择为 accept。并且将Zone lan 后面的 Masquerading 和 MSS clamping 下方的方框打勾,将Zone wan 后面的 Masquerading 和 MSS clamping 下方的方框勾去掉,点击SAVE & APPLY。如下图所示:

WitLinc®	
Status	Enable SVN-flood protection 🗭
System	Drop invalid packets
Services	Input accept
Network	Output accept
Interfaces	Forward accept
Wifi	
DHCP and DNS	
Hostnames	Zones
Static Routes	
Diagnostics	Zone ⇒ Forwardings Input Output Forward Masquerading MSS clamping
Firewall QoS	lant lant 📰 😕 🗢 Wan accept • accept • (accept • )
Serial	war: war: 3G. 6 = REJECT decept Control decept DELETE
Logout	A00
Model Name: WL-430T-A Hostname: Witlinc Software Reversion: +	SAVE & APPLY SAVE RESET

3、点击 Zone lan 后面的蓝色背景框的 EDIT 按钮,将新页面右侧下拉滑块拉倒 底部,在 Inter-Zone Forwarding 下方的两个小方框都打勾,点击 SAVE & APPLY. 如下图:

WitLinc®	
Status	Covered networks 😑 3G 🚞
System	🕑 lan 💯 👷
Services	war: 📰
Network	© create:
Interfaces	
Wifi	
DHCP and DNS	Inter-Zone Forwarding
Hostnames	
Static Routes Diagnostics	The options below control the forwarding policies between this zone (lan) and other zones. Destination zones cover forwarded traffic originating from "lan". Source zones match forwarded traffic from other zones targeted at "lan". The forwarding rule is undirectional, e.g. a forward from lan to wan does not imply a permission to forward from wan to lan as well.
Firewall	Allow forward to destination zon/s
QoS	
Serial	Allow forward from source zones 🔐 vote wan: 💯 3G 📓
Logout	
Model Name: WL-430T-A Hostname: Witlinc Software Reversion:	BACK TO OVERVIEW SAVE & APPLY SAVE RESET

4、点击左侧 Firewa,回到 Firewall 配置主页面,此时页面为下图所示:

WitLinc										
Status	The firew.	all creates zones over your netwo	ork interfaces to	control networ	k traffic flow.					
System	Gene	eral Settings								
Services		Enable SVN-flood protection	2							
Network		Day in the state	_							
Interfaces		Drop Invalid packets								
Wifi		Input	accept			•				
DHCP and DNS		Output	accept			•				
Hostnames		Forward	accept			•				
Static Routes										
Diagnostics										
Firewall					_					
QoS	Zone	es								
erial		Zone ⇒ Forwardings		Input	Output	Forward	Masquerading	MSS clamping		
		lan: Ian: ﷺ	wan	accept 🔻	accept 🔻	accept •	2	Ø	EDIT DELETE	
<u>ogout</u>	×	an: wan: 📰 3G: 🖻	⇒ lan	accept •	accept •	accept •			EDIT DELETE	/
lodel Name: WL-430T-A ostname: Witlinc oftware Reversion:	ADD									

5、至此,防火墙配置完成

## 第四章、 配置 1:1NAT

WL-550V 系列产品的 1:1NAT 功能作用于 LAN 口和 WAN 口,将 LAN 口 IP 地址配置与现场设备同一网段后在配置页面配置该功能即可,WAN 口无需配置。详细如下:

1、在 Service 点击 1:1NAT。

WitLinc®			AUTO REFRESH ON
Status	WAN 4G LAN		
System Services Dynamic DNS	Interfaces		
WiVPN 1:1 NAT	Interface Overvie	W	
Network	Network	Status	Actions
Interfaces Wifi	LAN (************************************	Uptime: 0h 3m 58s MAC-Address: 00.02-28.00.3F:E6 RX: 53.55 KB (473 Pkts.) TX: 186.80 KB (522 Pkts.) TV4: 192.168.11/24	CONNECT STOP EDIT DELETE
Hostnames	<b>4G</b> 3g-4G	RX: 0.00 B (0 Pkts.) TX: 0.00 B (0 Pkts.)	CONNECT STOP EDIT DELETE
Diagnostics Firewall	eth0.1	Uptime: 0h 0m 0s MAC-Address: 00:02:28:00:4F:E6 RX: 0.00 B (0 Pits.) TX: 27.41 KB (85 Pits.)	CONNECT STOP EDIT DELETE
QoS	ADD NEW INTERFACE		
Logout	Global network o	ptions	
Model Name: WL-430T-LT			

2、进入1:1NAT 配置页面之后勾选"Enable"复选框,然后浏览页面至底部,点击"Start"按钮。

WitLinc <sup>®</sup>				
Status				
System	1:1 NAT			
Services				
Dynamic DNS WiVPN	1:1 NAT Service			
1:1 NAT	Enable	8		
Network				
Logout	1:1 NAT Records			
Model Name: WL-430T-LT		Source IP	Destination IP	
Model Name: WL-430T-LT Hostname: Witlinc Software Reversion: 02.23.03	Record_1	172.30.1.1	192.168.1.11	
	Record_2	172.30.1.2	192.168.1.12	
	Record 3	172.30.1.3	192.168.1.13	

Status       Services       172.30.1.2       192.168.1.12         Dynamic DNS       Record_2       172.30.1.3       192.168.1.13         Network       Record_4       172.30.1.4       192.168.1.14         Logout       Record_5       172.30.1.5       192.168.1.15         Model Name: WL-4307-LT Hostname: WL 4307-LT Hostname: WL 4307-LT       Record_5       172.30.1.5       192.168.1.16         Intermed To the startup       Intermed To the startup       Intermed To the startup       Intelle on startup	WitLinc®				
Services   Dynamic DNS   WVPN   Record_3   172.30.1.3   192.168.1.13     Network   Record_4   172.30.1.4   192.168.1.14     Indef Name: WL-4307-LT   Hootname: WL-4307-LT <td>Status</td> <td>Decord 2</td> <td>172.30.1.2</td> <td>192.168.1.12</td>	Status	Decord 2	172.30.1.2	192.168.1.12	
Dynamic DNS   WVPN   LINAT   Network   Logout   Model Name: WL-4307-LT   Hodel Name: WL-4307-LT   Model Name: WL-4307-LT   Model Name: WL-4307-LT   Hodel	Services	Record_2			
1:1 NAT         Network       Record_4       172:30.1.4       192:168.1.14         Logout       Record_5       172:30.1.5       192:168.1.15         Model Name: WiL-4307-LT Hostname: Witting Software Reversion: 02:23.03       172:30.1.5       192:168.1.15         Interstatus         Saftware Reversion: 02:23.03	Dynamic DNS WiVPN	Record_3	172.30.1.3	192.168.1.13	
Logout Model Name: WL-4307-LT Hostname: Witline Software Reversion: 02.23:03  Record_5  172.30.1.5  192.168.1.15  192.168.1.15  192.168.1.15  Enable on startup  1:1 NAT status  Start Enable on startup  1:1 NAT is not running now and it's disabled on the startup  START ENABLE ON STARTUP	1:1 NAT Network	Record_4	172.30.1.4	192.168.1.14	
1:1 NAT status     Start     Enable on startup       1:1 NAT is not running now and it's disabled on the startup     START     ENABLE ON STARTUP	Logout Model Name: WL-430T-LT Hostname: Witlinc Software Reversion: 02.23.03	Record_5	172.30.1.5	192.168.1.15	
1:1 NAT status     Start     Enable on startup       1:1 NAT is not running now and it's disabled on the startup     START     ENABLE ON STARTUP					
1:1 NAT is not running now and it's disabled on the startup START ENABLE ON STARTUP		1:1 NAT status 1:1 NAT is not running now and it's disabled on the startup		Start         Enable on startup           START         ENABLE ON STARTUP	

## 3、点击完之后, 会变成如下图所示状态: 然后点击 "Save&Apply"

WitLinc®				
Status	Necola_2			
System	Record_3	172.30.1.3		192.168.1.13
Dynamic DNS		170 00 4 4		102 109 1 14
WiVPN 1:1 NAT	Record_4			132.100.1.14
Network	Record_5	172.30.1.5		192.168.1.15
Logout				
Model Name: WL-430T-LT Hostname: Witlinc Software Reversion: 02.23.03	1:1 NAT :	status	Stop	Disable from startup
	1:1 NAT is running and it's enabled on the startup		STOP	DISABLE FROM STARTUP
	Co	pyright @2016-2017 WitLinc Technol	ology Inc. F-mail: support	SAVE & APPLY SAVE RESE

4、浏览配置页面至 1:1NAT Record 区域, 会看到"Source IP"和"Destination IP"两列, 其中 SourceIP 列为预设置的 IP 地址,该 IP 地址为 WL-550V 产品 WAN 口连接的实际设备 IP 地址。DestinationIP 为 LAN 口连接的实际设备的 IP 地址,如,需要把 192.168.1.11 经过 NAT 转到 172.30.1.1,则在 SourceIP 列写入 172.30.1.1,在 DestinationIP 列写入 192.168.1.11。(其中, 172.30.1.1 为 WAN 连接的一个实际设备的 IP 地址, 192.168.1.11 是 LAN 连接的一个实际设备的 IP 地址)

WitLinc®			
Status			
System	1:1 NAT Records	<b>F</b> 101-5	
Services		虚拟IP	シート Destination IP
Dynamic DNS WiVPN			
1:1 NAT	Record_1	172.30.1.1	192.168.1.11
Network			
Logout	Record_2	172.30.1.2	192.168.1.12
Model Name: WL-430T-LT		172 30 1 3	192 168 1 13
Hostname: Witlinc Software Reversion: 02.23.03	Record_3		
		172.30.1.4	192.168.1.14
	Record_4		
		172.30.1.5	192.168.1.15
	Record_5		

配置完成后点击"Save&Apply"。