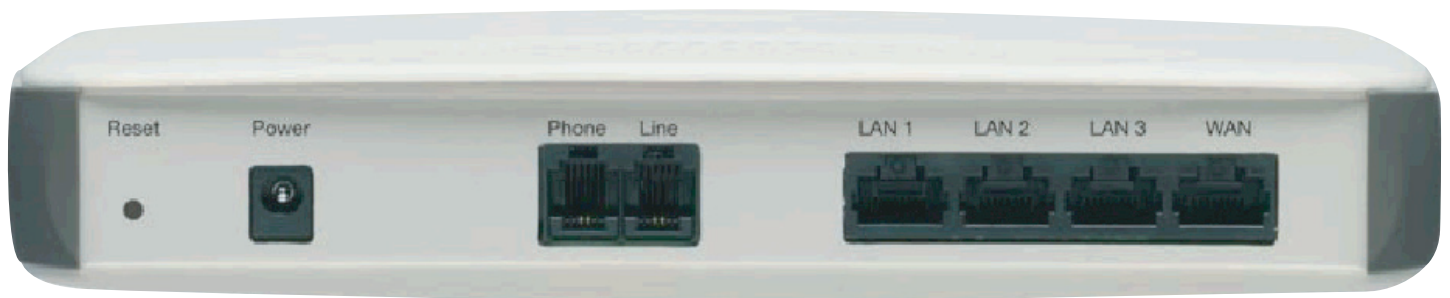


NetComm - V300 VoIP (ATA) Adapter

NetComm - V300 VoIP (ATA) Adapter Walk Through

Connect the ATA

- Connect the Network Cable from your ADSL MODEM to the WAN slot.
- Connect the Telephone Handset to the Phone slot
- Connect a phone line to the Line socket (optional)
- Connect the Power to the ATA
- Connect a computer into one of the LAN slots (Required for configuration)



Power up and Configure

- Allow time for the ATA to Boot up - About 60 Seconds
- Open Internet Explorer and type in 192.168.30.1 into the address line, then press Enter.
- When asked for a username, password, enter "admin" for both



If connected correctly to the router it will display the following in the web browser.

The screenshot shows the NetComm router's web interface. On the left is a navigation menu with sections: Basic, Advanced, and System. Under 'Basic', there are links for WAN Setup, LAN Setup, and a highlighted VoIP section containing SIP and VoIP QOS. Under 'Advanced', there are links for NAT Port Forwarding, DMZ, Access Control, and Remote Access. Under 'System', there are links for Status, Traffic Statistics, Ping, Save, Reset, Upgrade, and Reboot. The main content area displays the following configuration details:

- Software Version :** A006-S9210NGT-C02
- Voip Phone Number :** (field is empty)
- Register Status :** (field is empty)
- Client :**
 - Phone Number : (field is empty)
 - Display Number : NetCommV300
 - Expire : 240
 - Qvalue : 0.8
 - Codec : G729
 - DTMF : rfc2833
 - RTP packet interval : 40
 - Port No : 5060
 - UseProxy : YES
- Proxy / Register / Domain :**
 - Proxy : sip01.gotalk.com
 - Domain : sip01.gotalk.com
 - Port : 5060
- WAN :**
 - WAN MODE : DHCP mode
 - WAN IP Address : 192.168.1.100
 - Subnet Mask : 255.255.255.0
 - Default Gateway : 192.168.1.254
 - Current State : Active
 - Primary DNS Server : 192.168.1.254
 - Secondary DNS Server : (field is empty)
- STUN :**
 - Current State : Disable
 - STUN Server : (field is empty)
 - Port No : 3478

Click on the SIP link under the VOIP section

This image is a close-up of the VoIP section from the screenshot above. It shows a blue button labeled 'VOIP' at the top. Below the button are two underlined links: 'SIP' and 'VoIP QOS'.



NetComm™

Configuration | Stun | Phone Book | Call Forward | Dial Plan | Call Handling

Client :

Phone Number :

Display Number :

Auth. ID :

Auth. Password :

Confirm Password :

Expire :

QValue :

RTP packet interval :

Codec :

DTMF :

Payload Type :

Interface :

MaxDigit :

MaxRings :

Port No :

UseProxy :

Proxy / Register :

Host Address / URL :

Port No :

Domain :

Domain Address :

Basic

[WAN Setup](#)

[LAN Setup](#)

VOIP

[SIP](#)

[VoIP QOS](#)

Advanced

[NAT Port Forwarding](#)

[DMZ](#)

[Access Control](#)

[Remote Access](#)

System

[Status](#)

[Traffic Statistics](#)

[Ping](#)

[Save](#)

[Reset](#)

[Upgrade](#)

[Reboot](#)

The following fields need to be entered under the "Configuration" tab.

- **Phone Number:** Username or Phone Number (if available)
- **Display Number:** Phone number if available or username
- **Auth ID :** Username allocated to the customer
- **Auth Password:** Password assigned to the customer
- **Expire:** Set this to 240
- **Q Value:** Set to 0.8
- **RTP Packet Interval:** 40
- **Proxy / Register:** sip01.gotalk.com
- **Domain:** sip01.gotalk.com
- **Codec:** G729
- **DTMF:** RFC 2883
- **Payload Type:** 96
- **Interface:** WAN
- **Max Digit:** 24
- **Max Rings:** 24 (Required for voicemail to work)
- **Use Proxy:** Yes
- **Port Number:** 5060

Then click "Apply" and Registration will commence.



Successful registration will show the following:
(Note: The VoIP phone number field has been blurred out)

NetComm™

Basic

[WAN Setup](#)
[LAN Setup](#)

VOIP

[SIP](#)
[VoIP QOS](#)

Advanced

[NAT Port Forwarding](#)
[DMZ](#)
[Access Control](#)
[Remote Access](#)

System

[Status](#)
[Traffic Statistics](#)
[Ping](#)
[Save](#)
[Reset](#)
[Upgrade](#)
[Reboot](#)

Software Version : A006-S9210NGT-C02

Voip Phone Number : [Blurred] Register Status : Registered Success!

Client :

Phone Number :	DTMF : rfc2833
Display Number : NetCommV300	RTP packet interval : 40
Expire : 240	Port No : 5060
Qvalue : 0.8	UseProxy : YES
Codec : G729	

Proxy / Register / Domain :

Proxy : sip01.gotalk.com	Port : 5060
Domain : sip01.gotalk.com	

WAN :

WAN MODE : DHCP mode	Current State : Active
WAN IP Address : 192.168.1.100	Primary DNS Server : 192.168.1.254
Subnet Mask : 255.255.255.0	Secondry DNS Server :
Default Gateway : 192.168.1.254	

STUN :

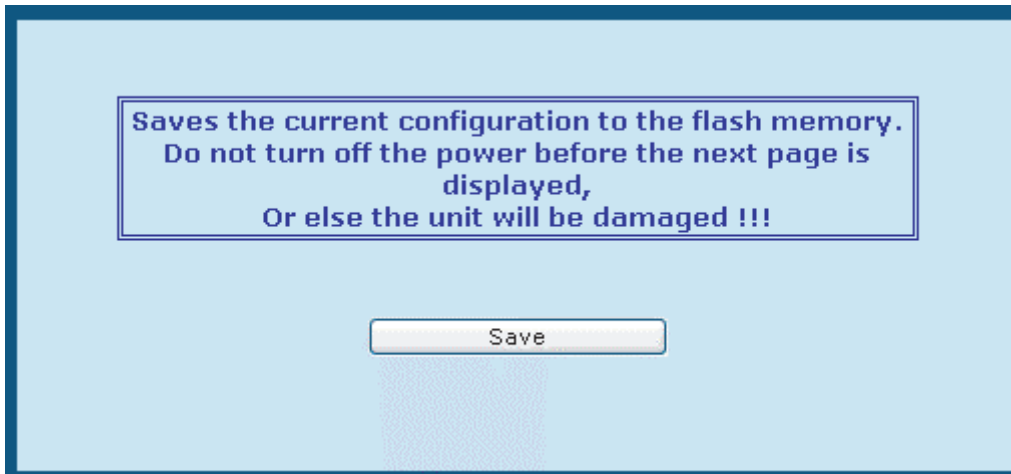
Current State : Disable	
STUN Server :	Port No : 3478

Select the "Save" option to save the setting into the device

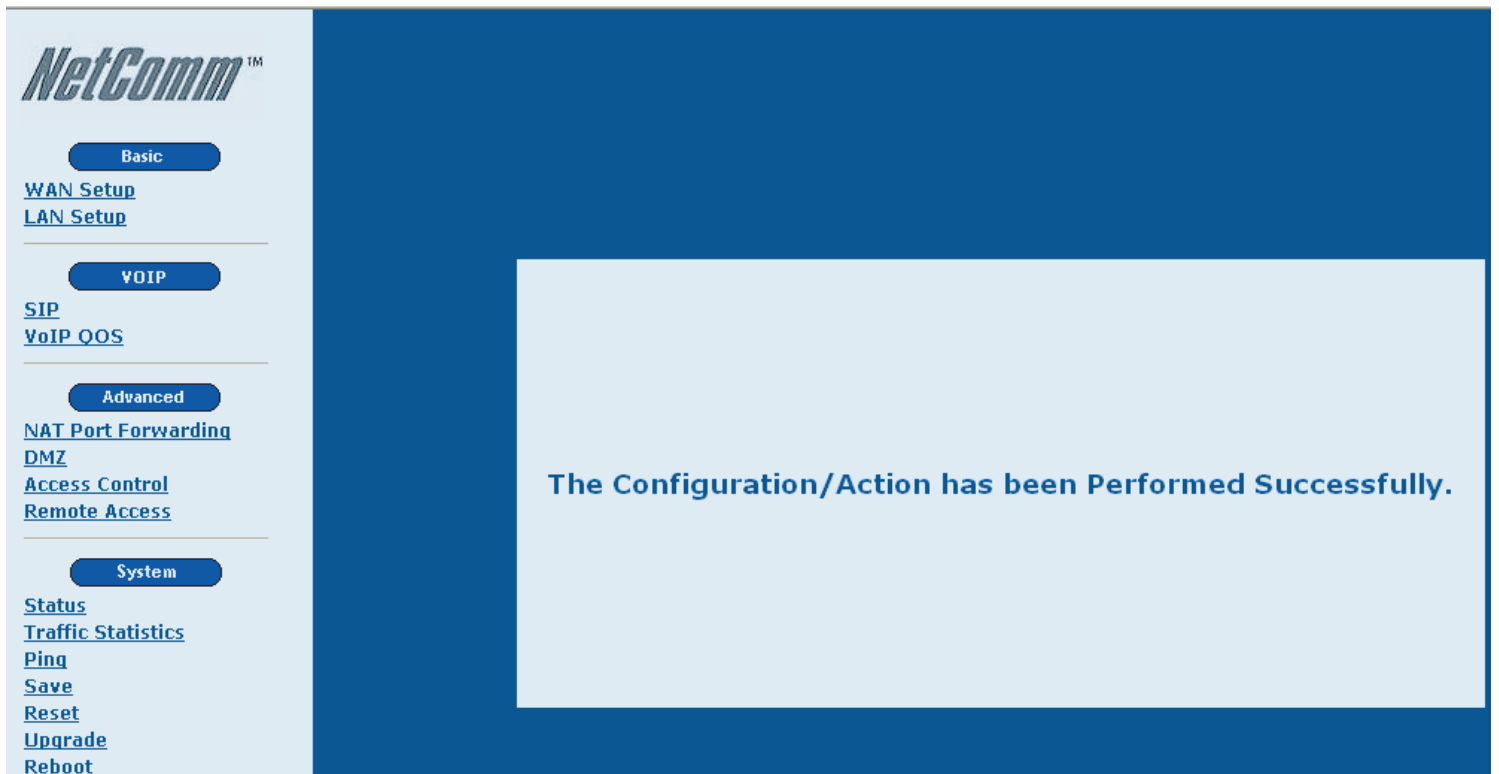
System

[Status](#)
[Traffic Statistics](#)
[Ping](#)
[Save](#)
[Reset](#)
[Upgrade](#)
[Reboot](#)





Click Save.



The above screen appears:



Wait for about 60 seconds, then:

- **Lift the telephone receiver and check for dial tone in the hand set and try dialing a number.**
- **If you have dial tone and the number dialed is ringing, you have completed setup for the device successfully.**

If you DO NOT have dial tone check you settings, cabling, and connections.

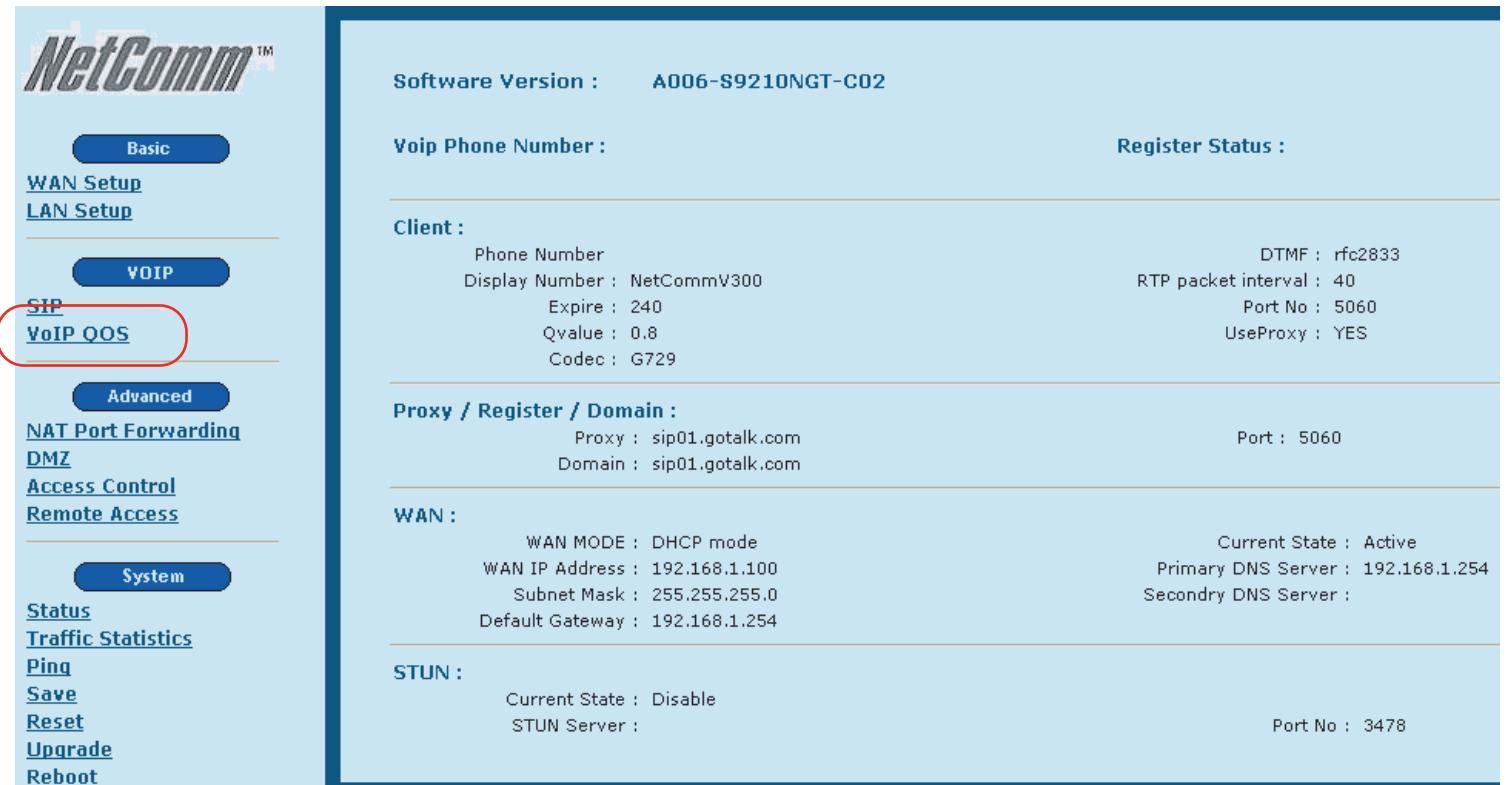
- **Reboot the V300 and check for dial tone in the hand set and try dialing a number**
- **If you have dial tone and the number dialed is ringing, you have completed setup for the device successfully.**

To reset the device:

- **To reset the device, ensure it is switched on, depress the reset button at the rear of the device with a paper clip for about 7 seconds.**
- **This will remove all settings and restore the device to default factory settings.**
- **The device can now be reconfigured.**



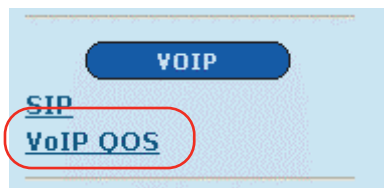
Setting up QoS (Quality of Service)



The screenshot shows the NetComm web interface for configuring VoIP QoS. The left sidebar contains navigation menus for 'Basic', 'Advanced', and 'System'. Under 'Basic', 'SIP' and 'VoIP QoS' are listed, with 'VoIP QoS' circled in red. Under 'Advanced', 'NAT Port Forwarding', 'DMZ', 'Access Control', and 'Remote Access' are listed. Under 'System', 'Status', 'Traffic Statistics', 'Ping', 'Save', 'Reset', 'Upgrade', and 'Reboot' are listed. The main content area displays the following configuration details:

- Software Version :** A006-S9210NGT-C02
- Voip Phone Number :**
- Register Status :**
- Client :**
 - Phone Number
 - Display Number : NetCommV300
 - Expire : 240
 - Qvalue : 0.8
 - Codec : G729
 - DTMF : rfc2833
 - RTP packet interval : 40
 - Port No : 5060
 - UseProxy : YES
- Proxy / Register / Domain :**
 - Proxy : sip01.gotalk.com
 - Domain : sip01.gotalk.com
 - Port : 5060
- WAN :**
 - WAN MODE : DHCP mode
 - WAN IP Address : 192.168.1.100
 - Subnet Mask : 255.255.255.0
 - Default Gateway : 192.168.1.254
 - Current State : Active
 - Primary DNS Server : 192.168.1.254
 - Secondary DNS Server :
- STUN :**
 - Current State : Disable
 - STUN Server :
 - Port No : 3478

Click on VoIP QoS link.



Basic

[WAN Setup](#)

[LAN Setup](#)

VOIP

[SIP](#)

[VoIP QOS](#)

Advanced

[NAT Port Forwarding](#)

[DMZ](#)

[Access Control](#)

[Remote Access](#)

System

[Status](#)

[Traffic Statistics](#)

[Ping](#)

[Save](#)

[Reset](#)

[Upgrade](#)

[Reboot](#)

VoIP QOS Configuration

Current Status: Disable

The Link Speed of Up Stream : Kbps

VoIP Qos :

Apply

Enter the speed of the upload Stream (For Example: 128kbps)

VoIP QOS Configuration

Current Status: Disable

The Link Speed of Up Stream : Kbps

VoIP Qos :

Apply

VoIP QOS Configuration

Current Status: Disable

The Link Speed of Up Stream : Kbps

VoIP Qos :

Choose "Enable" in the VoIP QoS option, and then click Apply.

VoIP QOS Configuration

Current Status: Enable(128 kbps)

The Link Speed of Up Stream : Kbps

VoIP Qos :

The above screen is displayed, and then click Save.

System

- [Status](#)
- [Traffic Statistics](#)
- [Ping](#)
- [Save](#)
- [Reset](#)
- [Upgrade](#)
- [Reboot](#)

Select the "Save" option to save the setting into the device, and then close the screen.

