

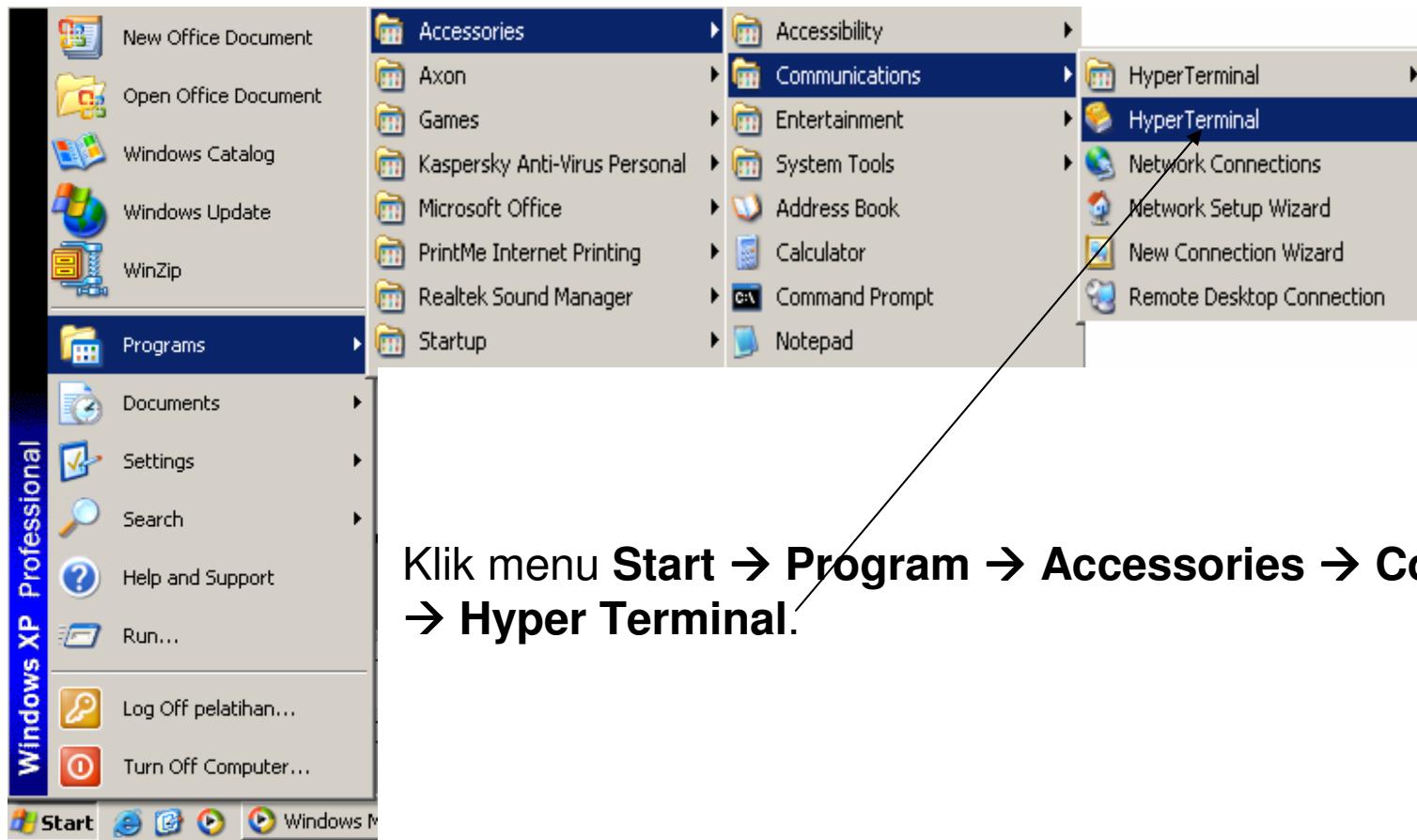


User Manual

VSP-5002 Series
VoIP Gateway

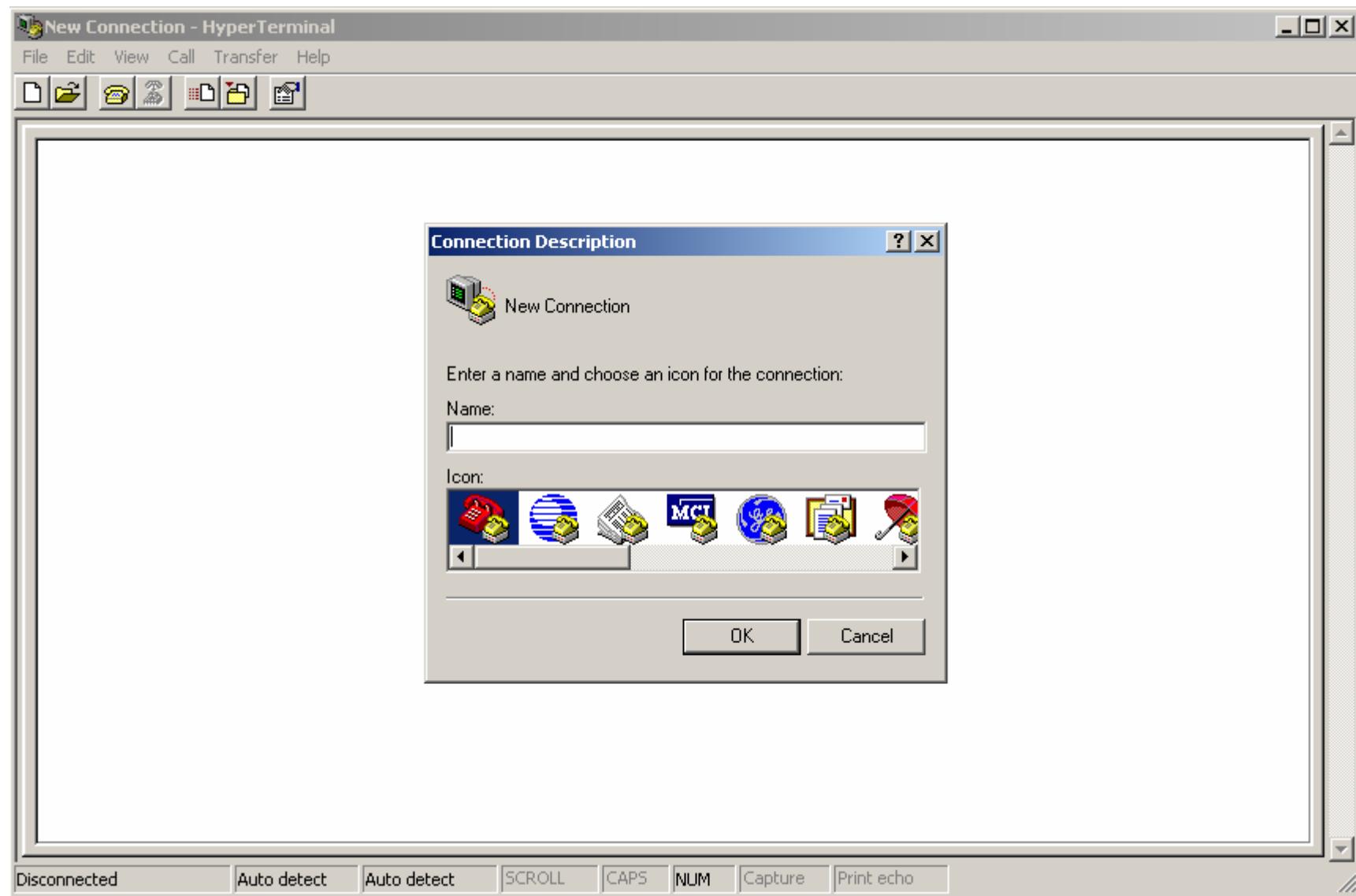
Hyper Terminal

Sebelum masuk ke Hyper terminal, pastikan Antek VSP-5002 telah terpasang pada port WAN. Dan bukalah program Hyper Terminal.

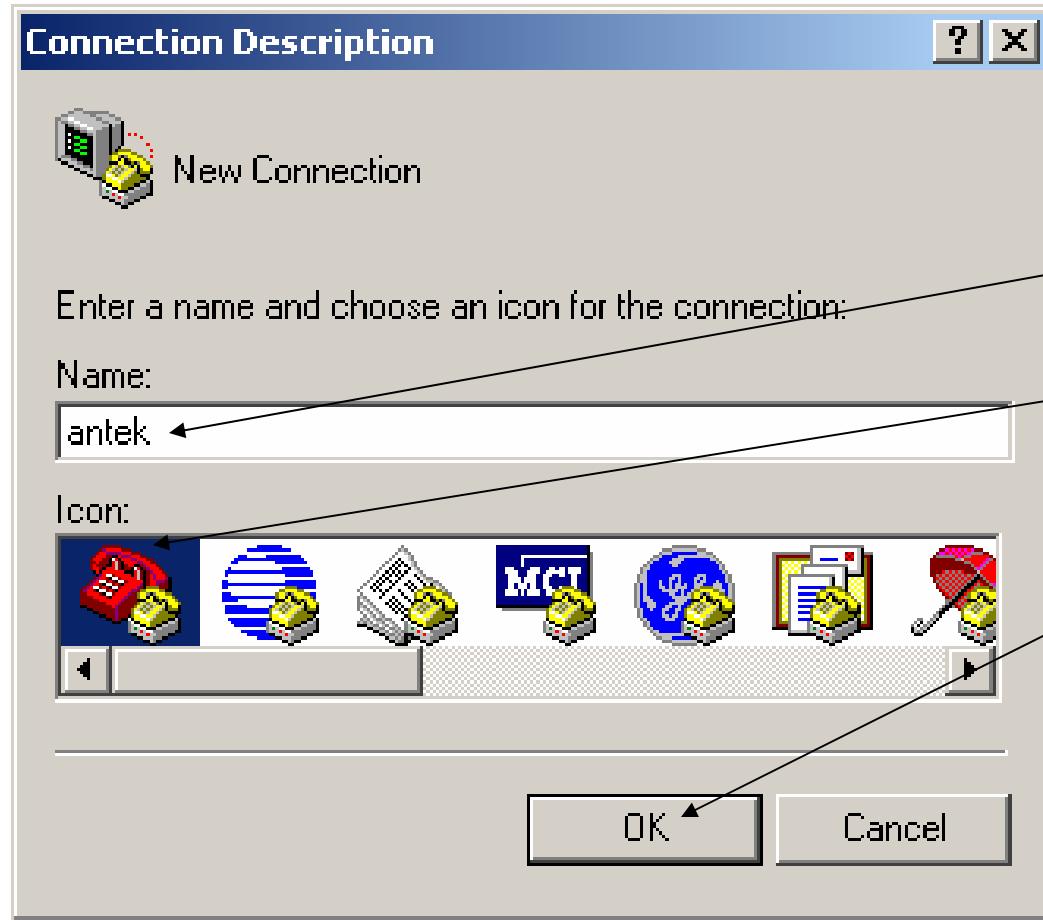


Klik menu Start → Program → Accessories → Communications → Hyper Terminal.

Tampilan Hyper Terminal



Connection Description



Enter a name and choose an icon for the connection:

Name:

antek

Icon:



OK

Cancel

Isi nama, misalnya **antek**.

Pilih Icon untuk koneksi baru, misalnya 

Klik **OK**.

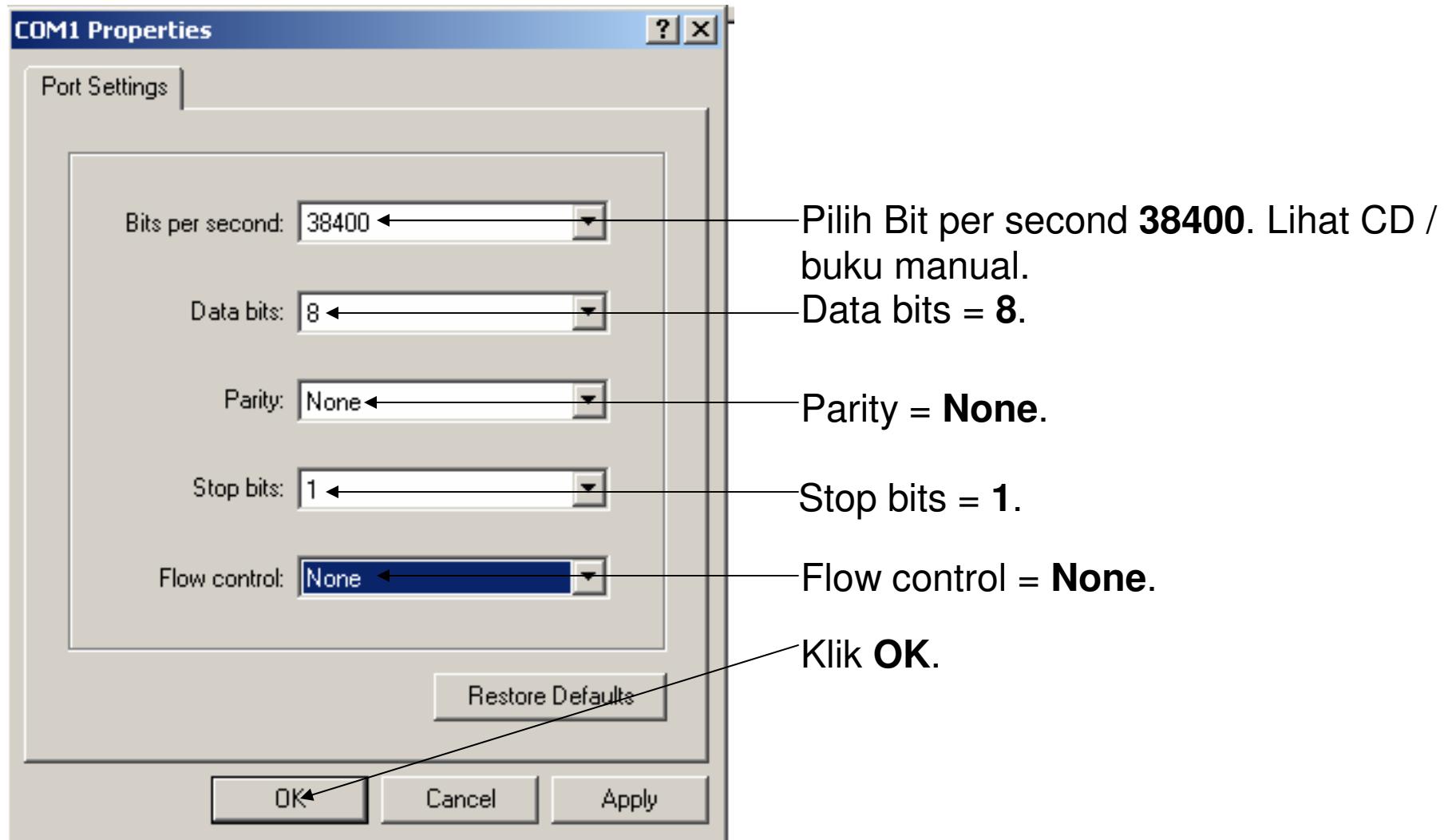
Connect Using COM1



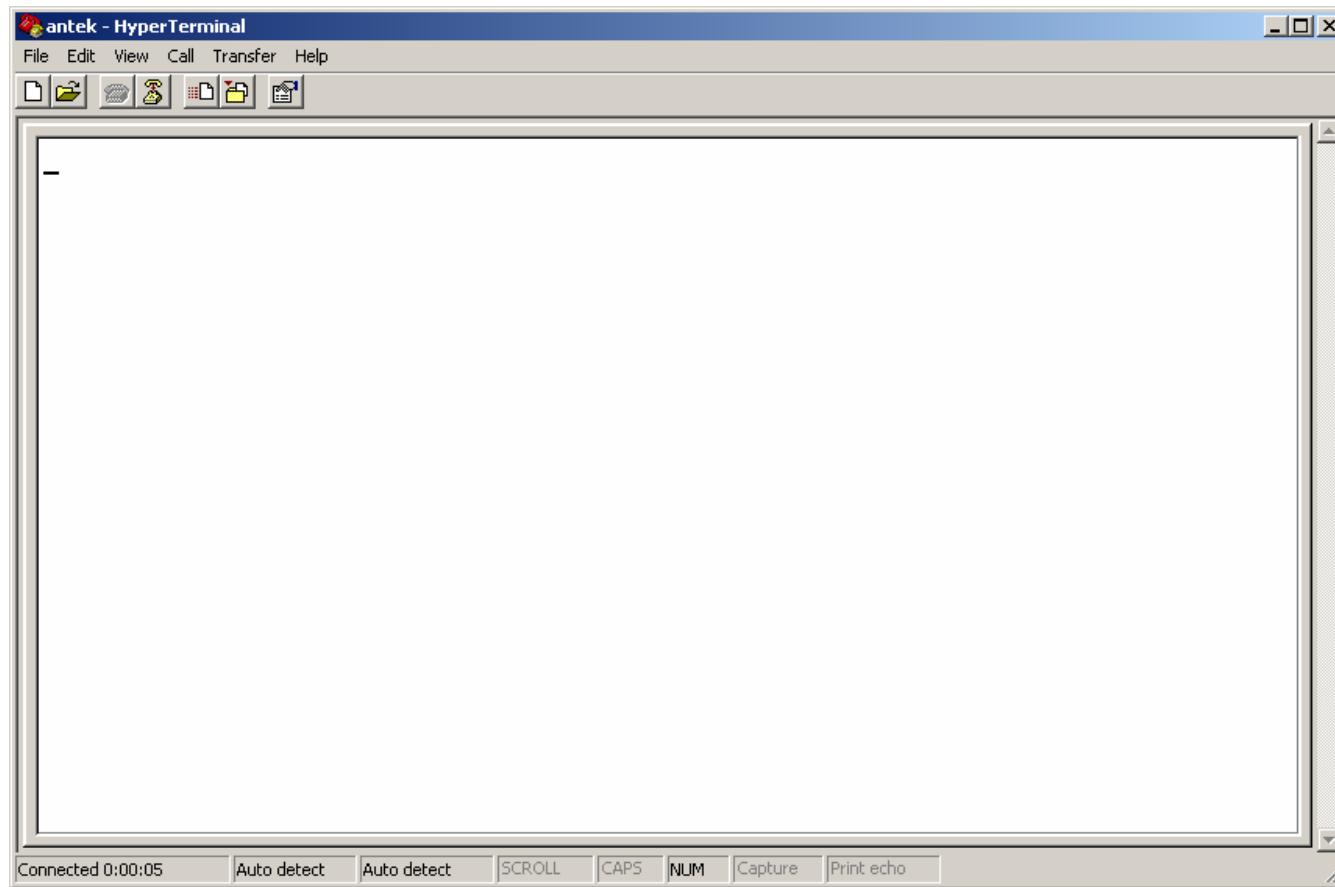
Karena Antek VSP-5002 terhubung melalui port COM1 pada komputer Anda, maka pilih Connect using dengan **COM1**.

Klik **OK**.

COM1 Properties

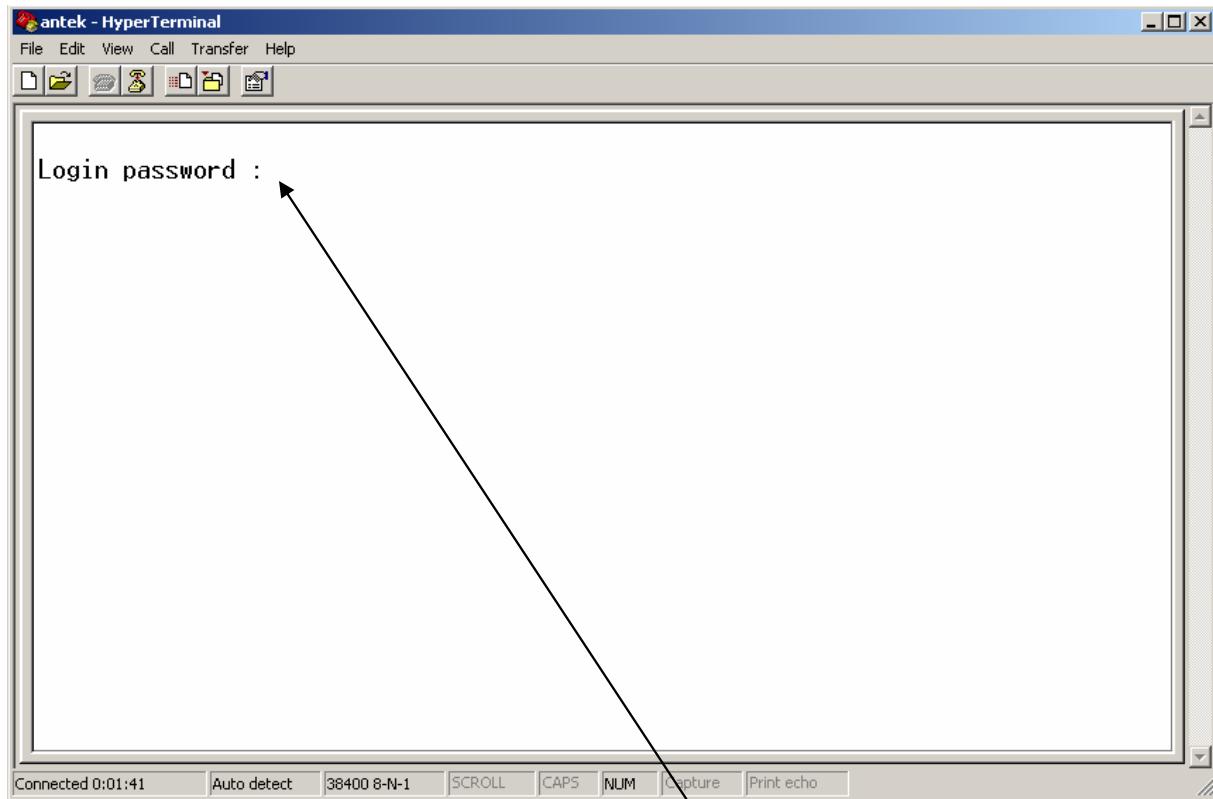


Hyper Terminal



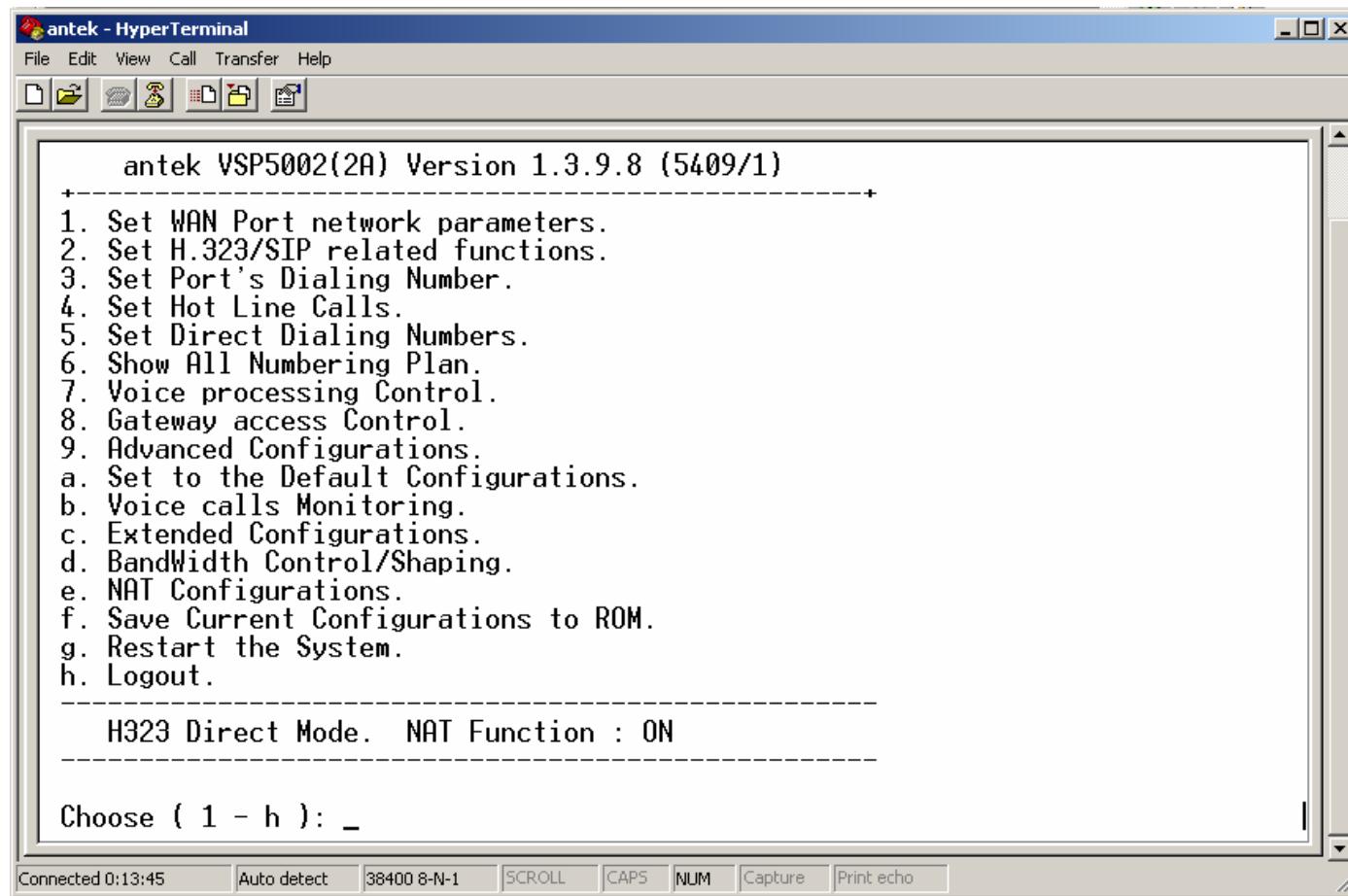
Tekan Enter untuk memasukkan Password.

Login Password



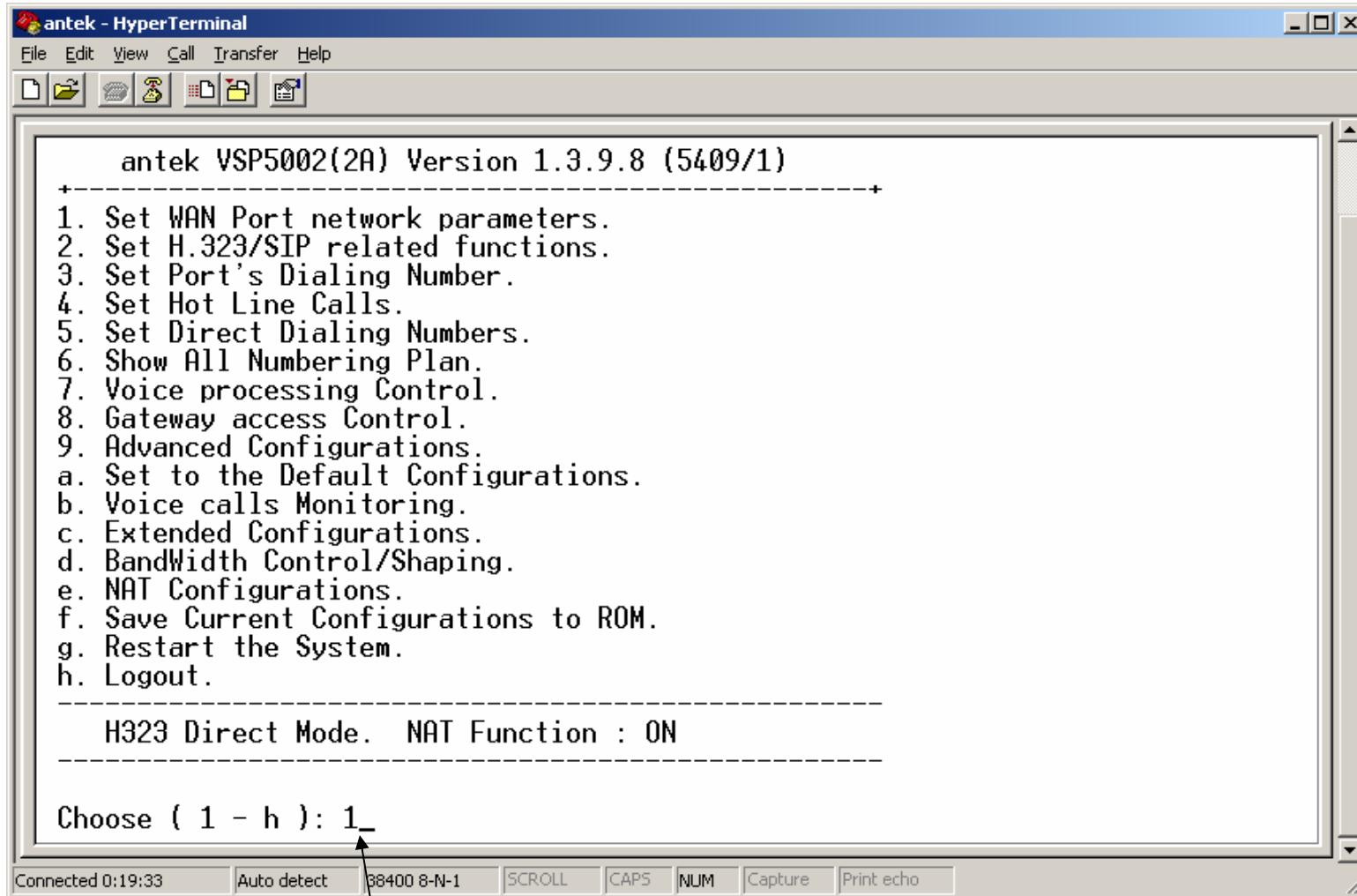
Secara Default Login Password = **antek**. Dan tekan **Enter**.
Password Default = **antek**, dapat Anda lihat di CD / buku manual.

Hyper Terminal Configuration



Tampilan Utama Konfigurasi Antek VSP-5002 Series melalui **Hyper Terminal**.

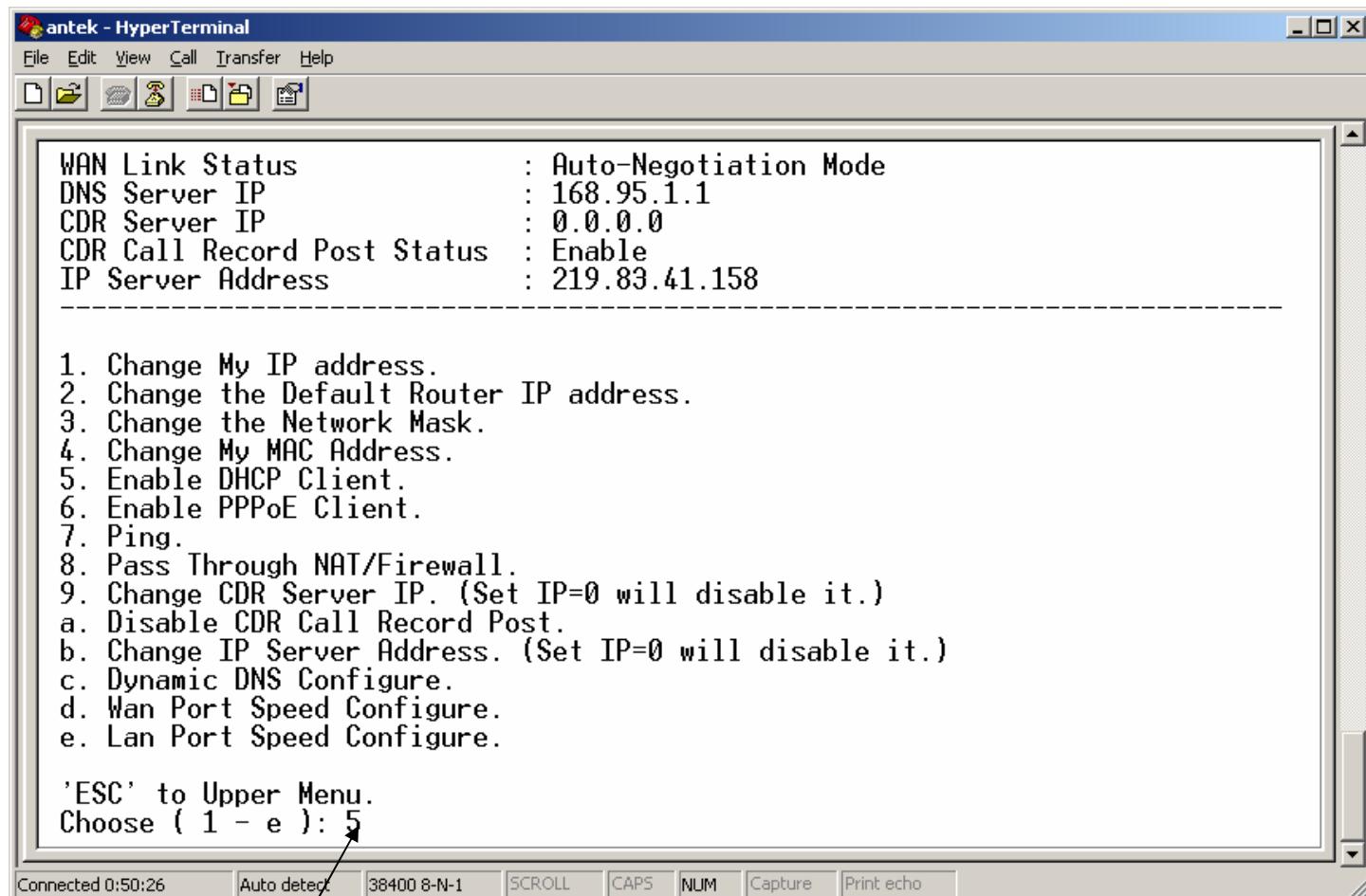
WAN Port network parameter



Choose (1 - h): 1

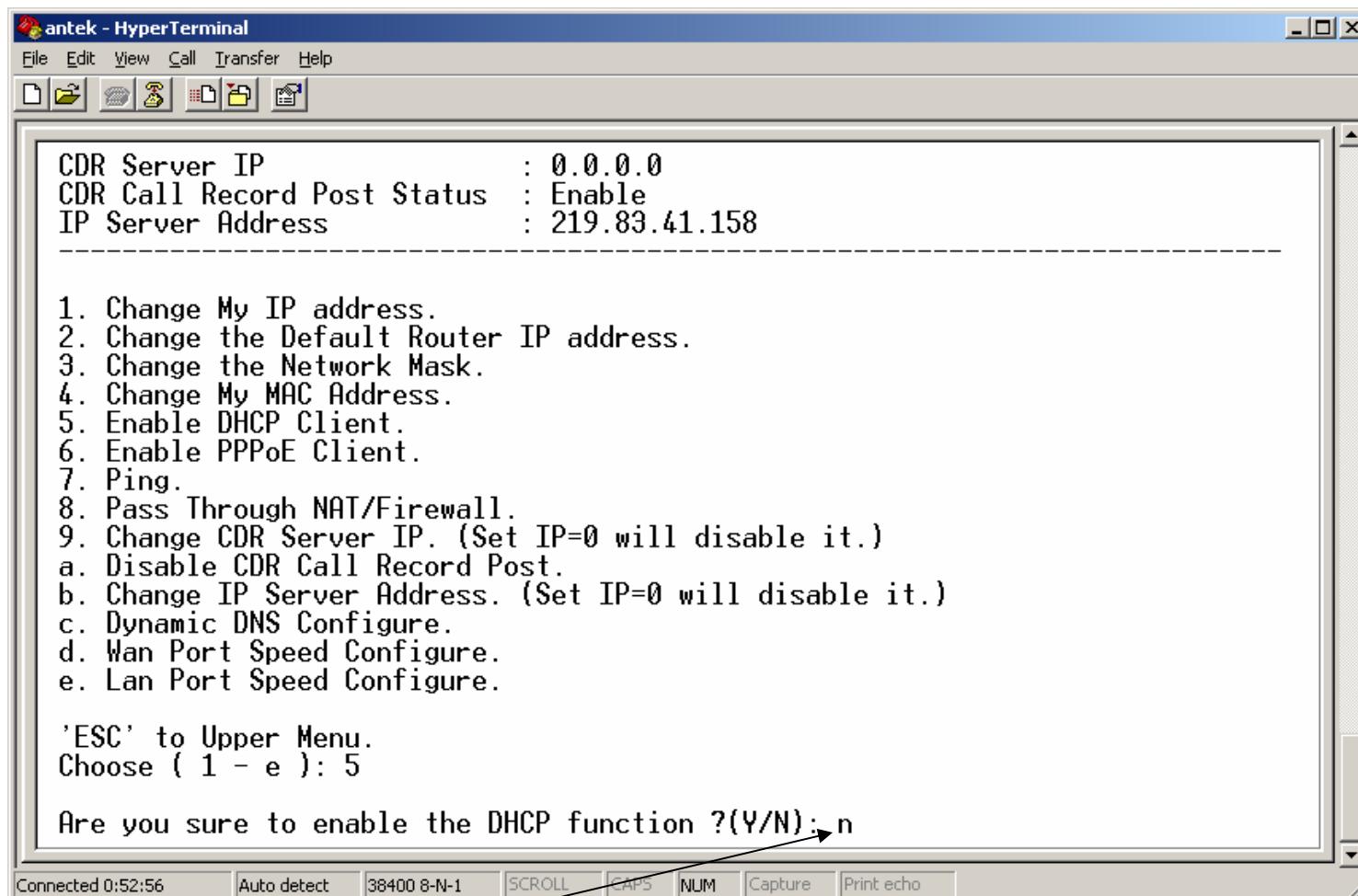
Ketik **1** untuk konfigurasi Port jaringan WAN. Tekan **Enter**.

DHCP Client



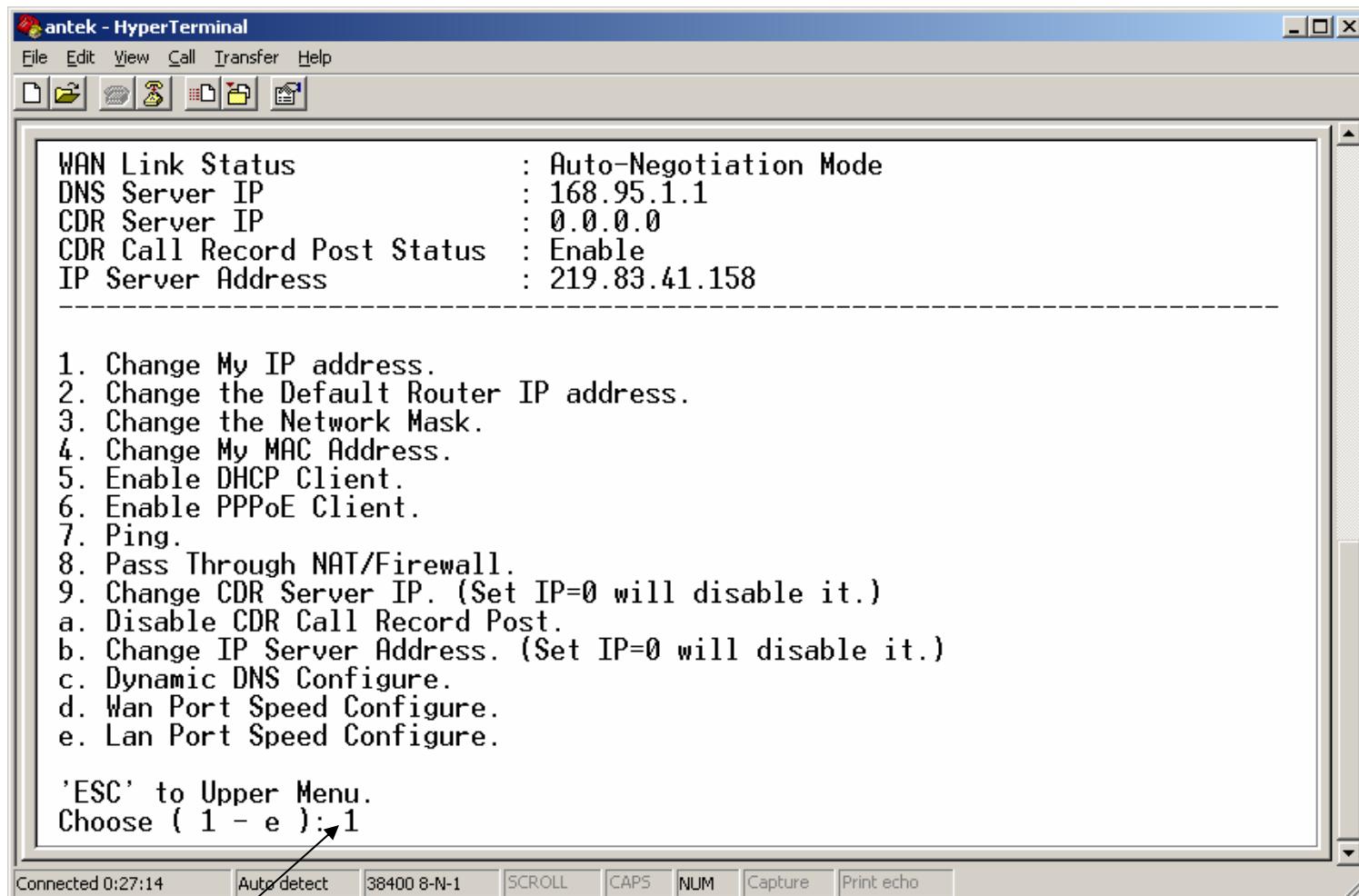
Ketik **5** untuk konfigurasi DHCP Client. Tekan **Enter**.

DHCP Client Configuration



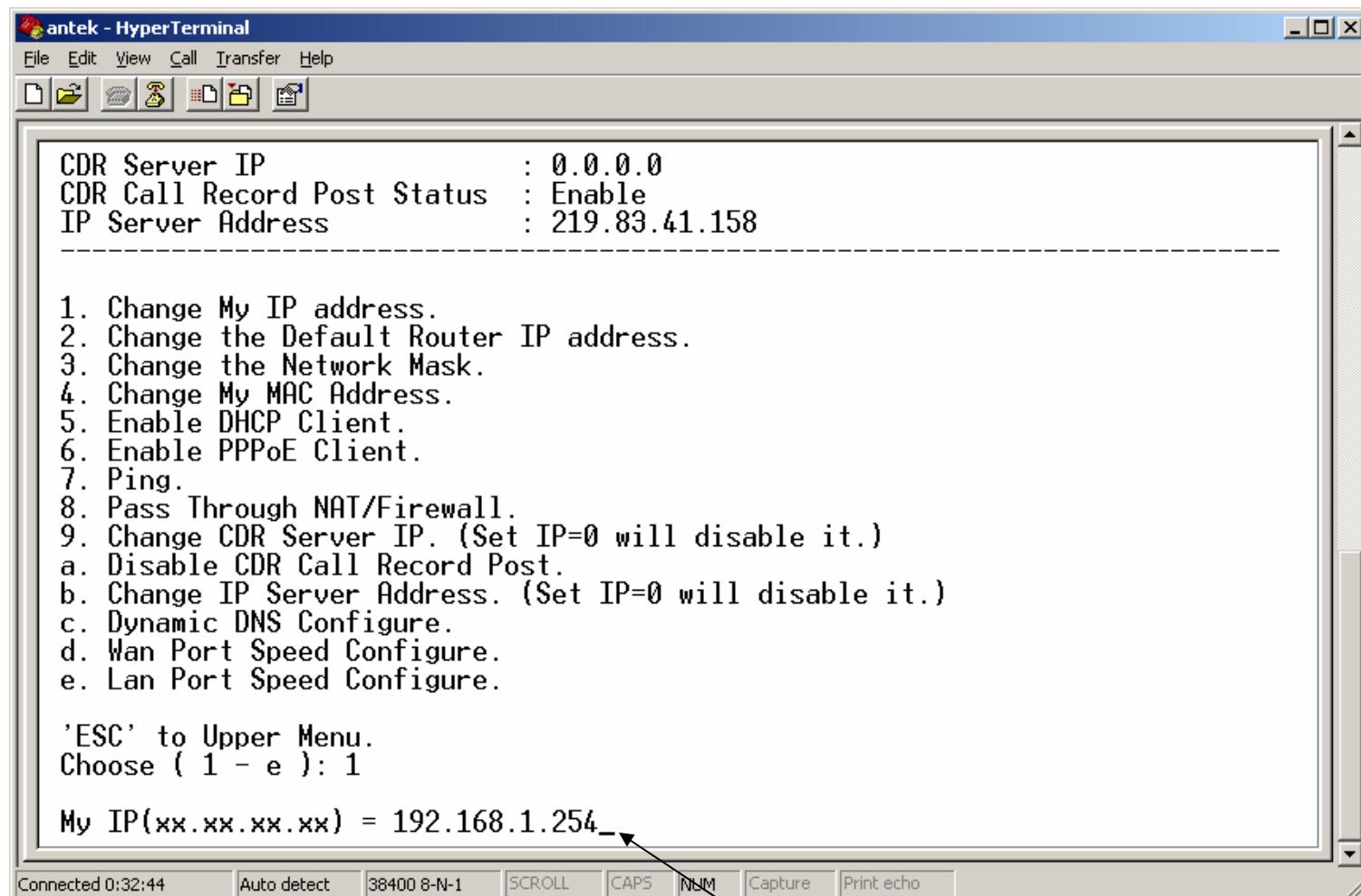
Ketik **n** untuk disable the DHCP function. Tekan **Enter**.

Change IP My Address



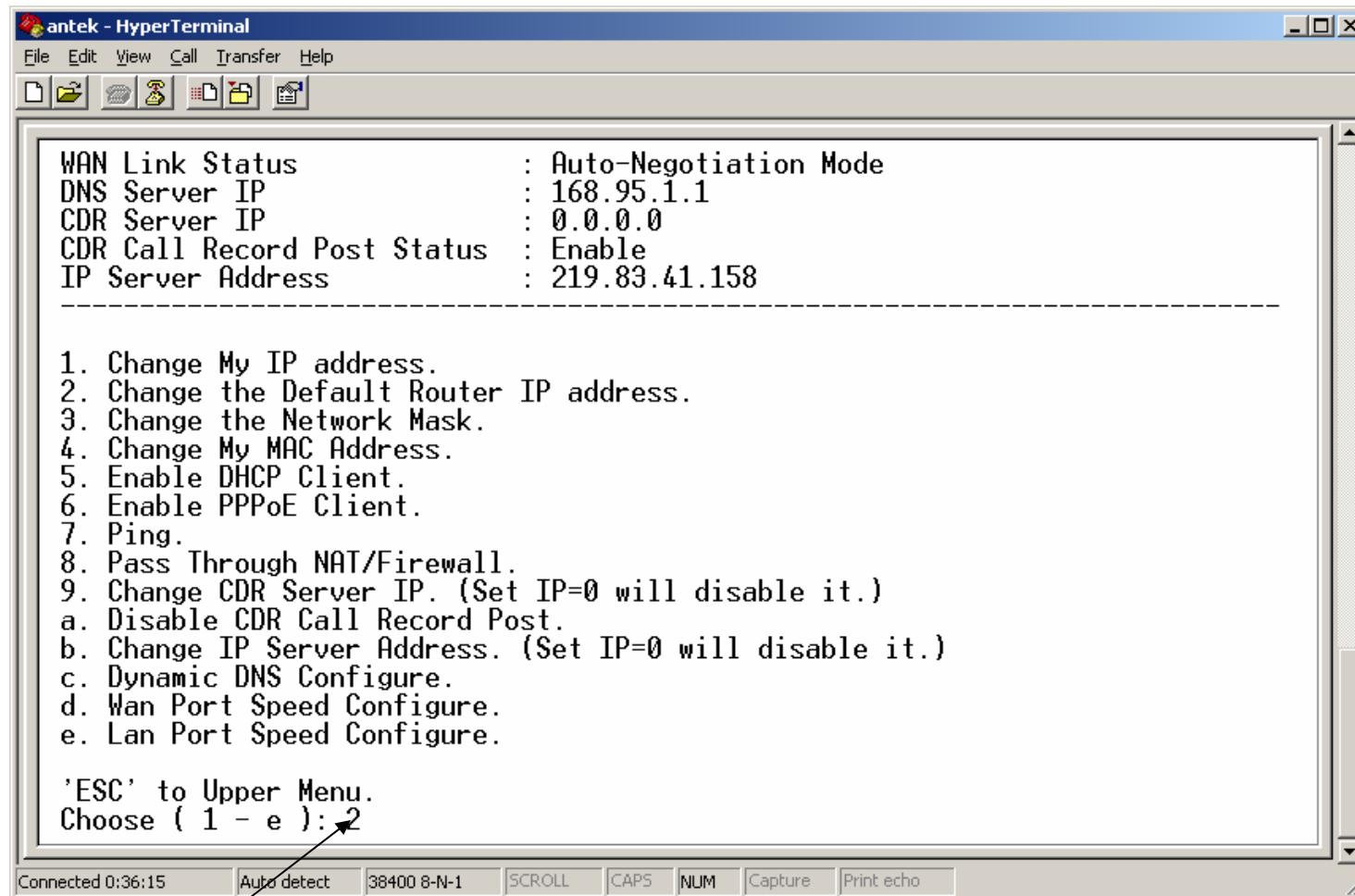
Ketik **1** untuk konfigurasi IP Address Antek VSP-5002 Series. Tekan **Enter**.

IP Address Configuration



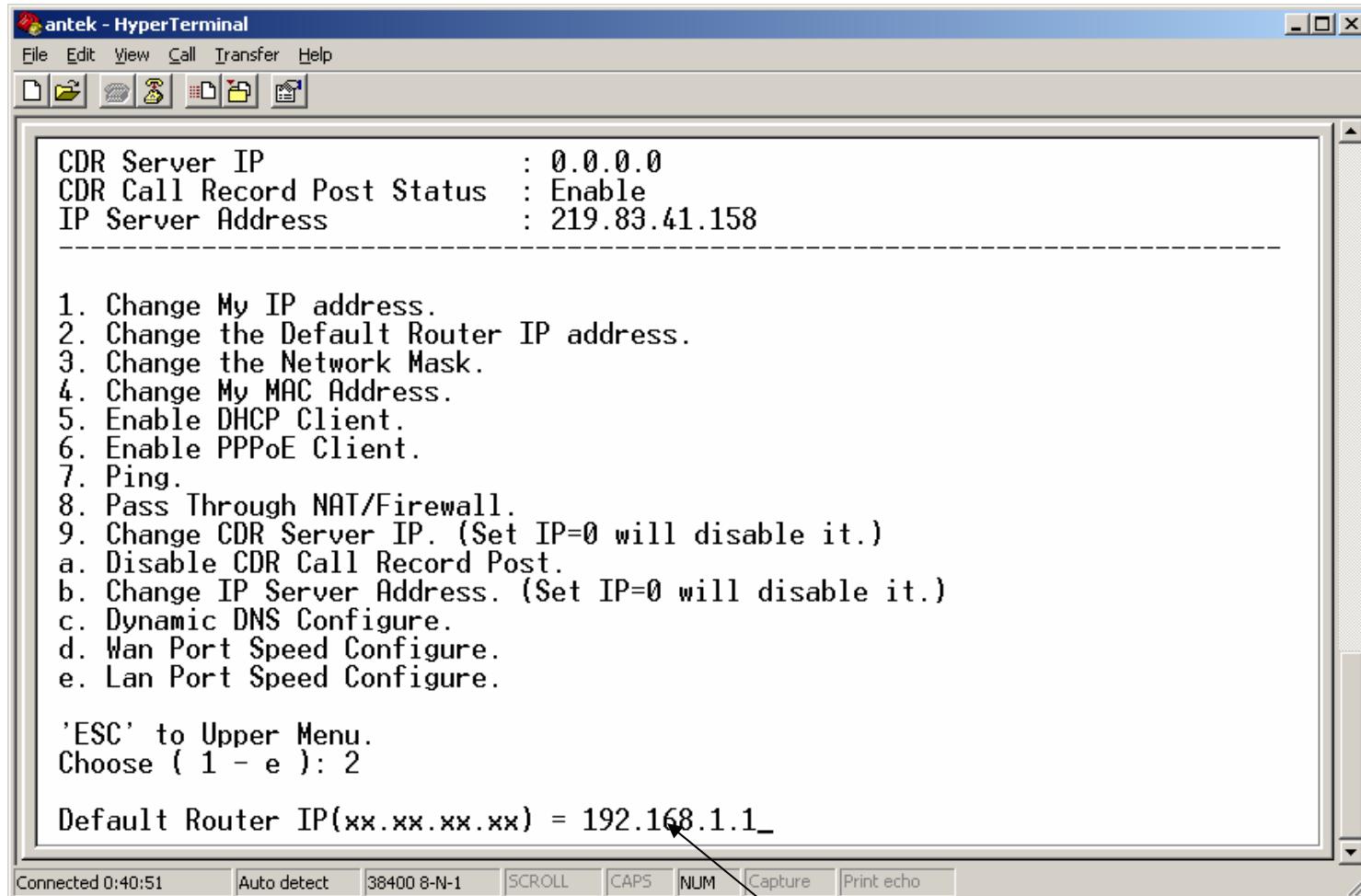
Isi IP Address, misalnya **192.168.1.254**. Tekan **Enter**.

Default Router IP Address



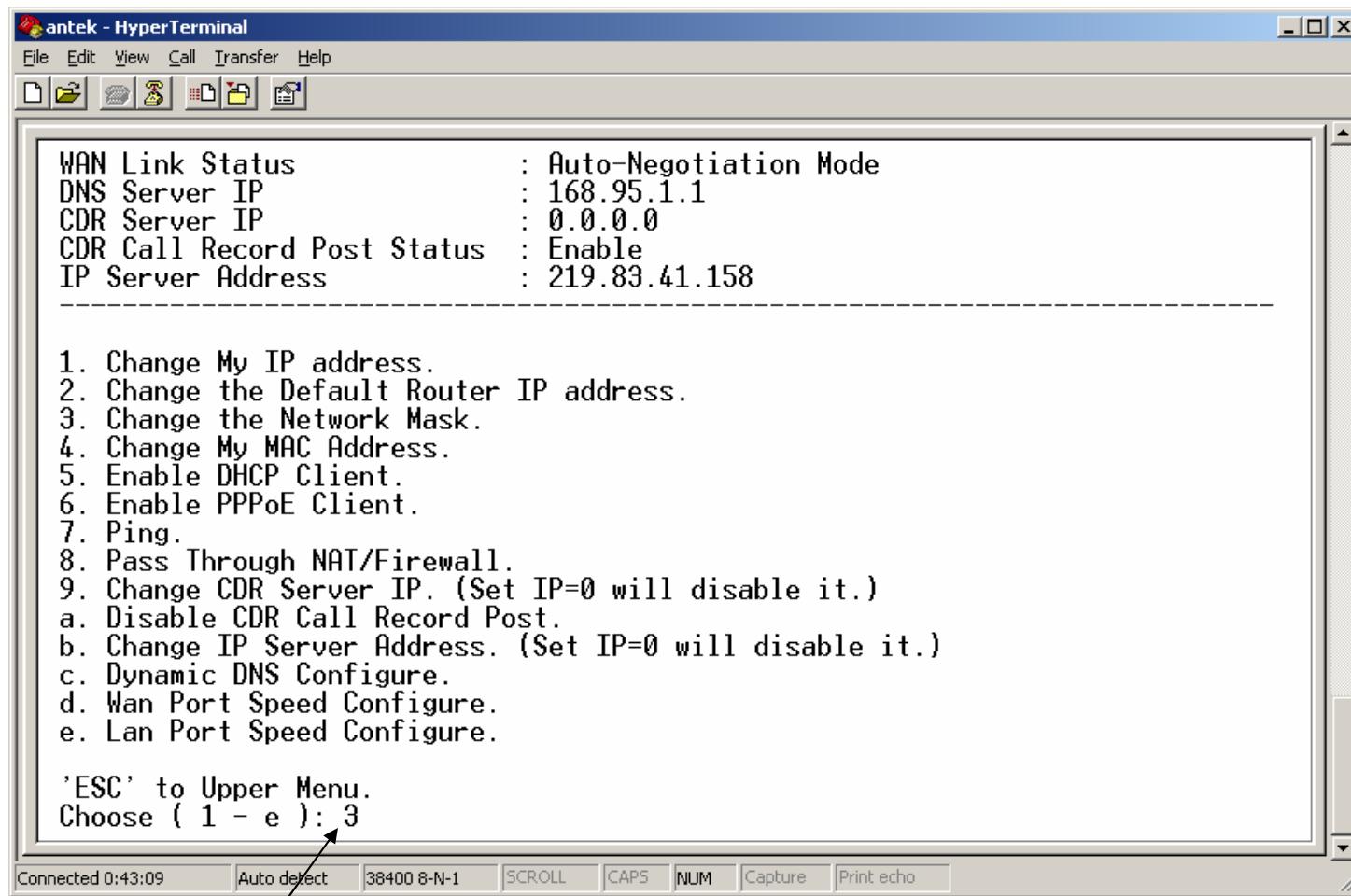
Ketik **2** untuk konfigurasi Default Router IP Address. Tkan **Enter**.

Router IP Configuration



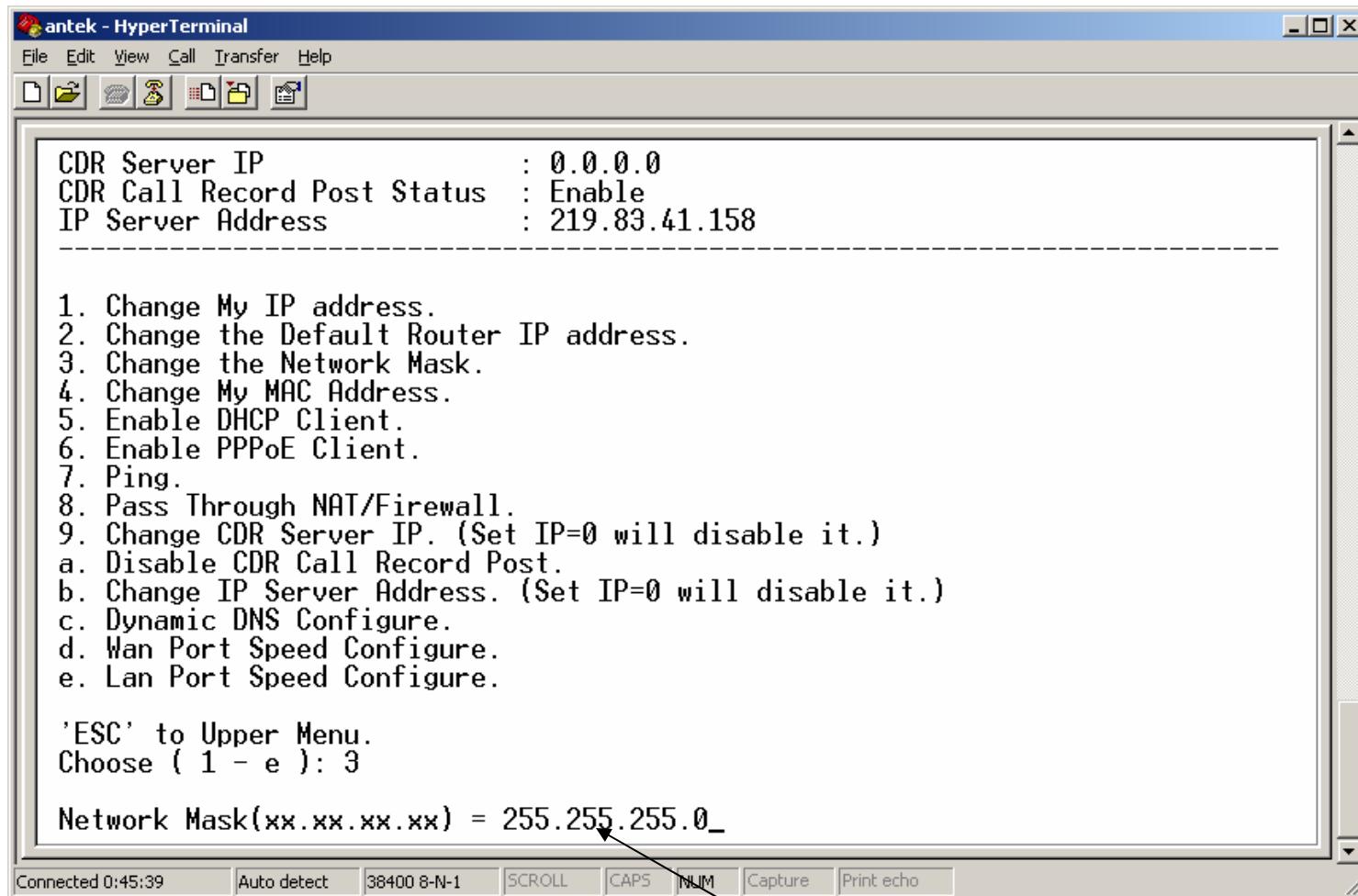
Isi Default Router IP, misalnya **192.168.1.1**. Tekan **Enter**.

Change the Network Mask



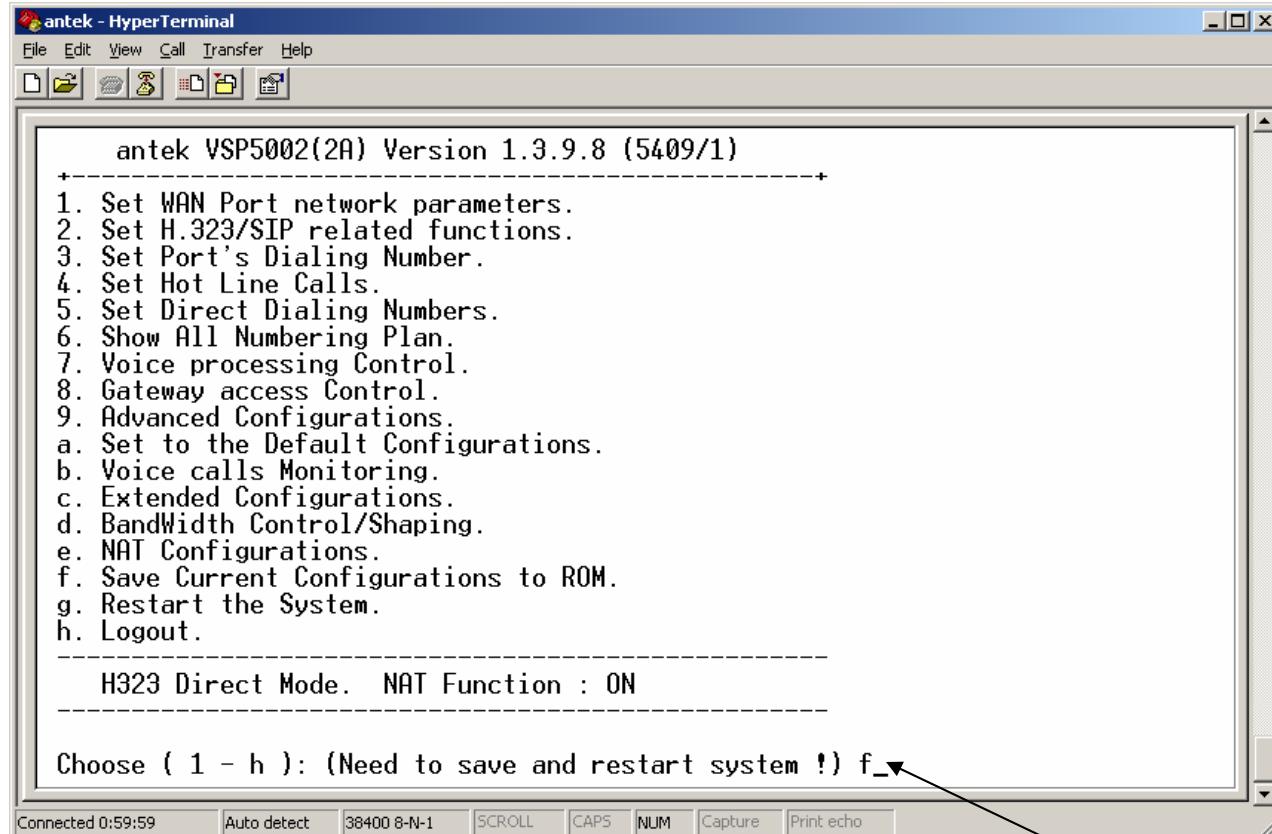
Ketik **3** untuk konfigurasi Network Mask. Tekan **Enter**.

Network Mask Configuration



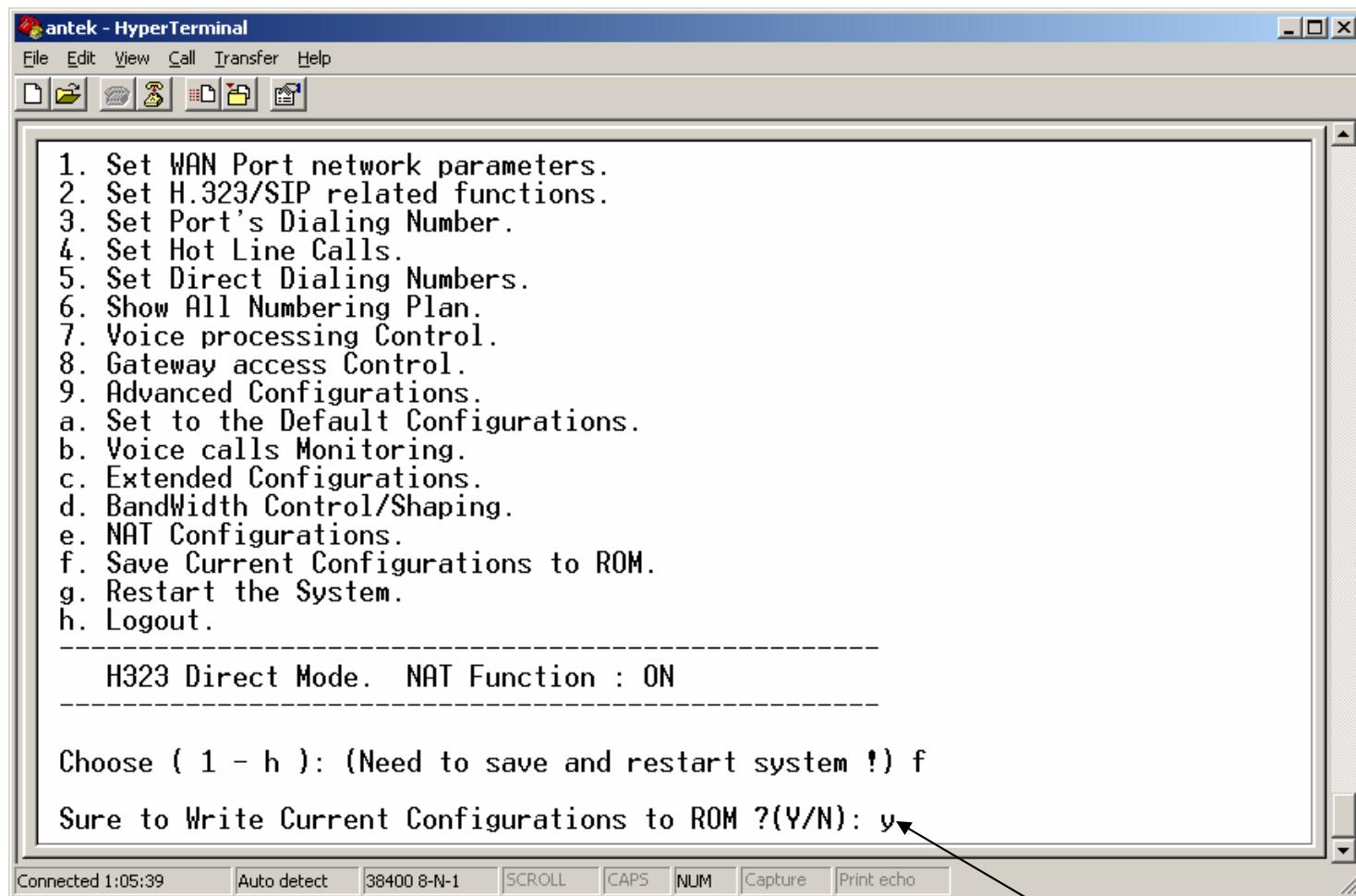
Isi Network Mask, misalnya **255.255.255.0**. Tekan **Enter**.

Save Current Configuration



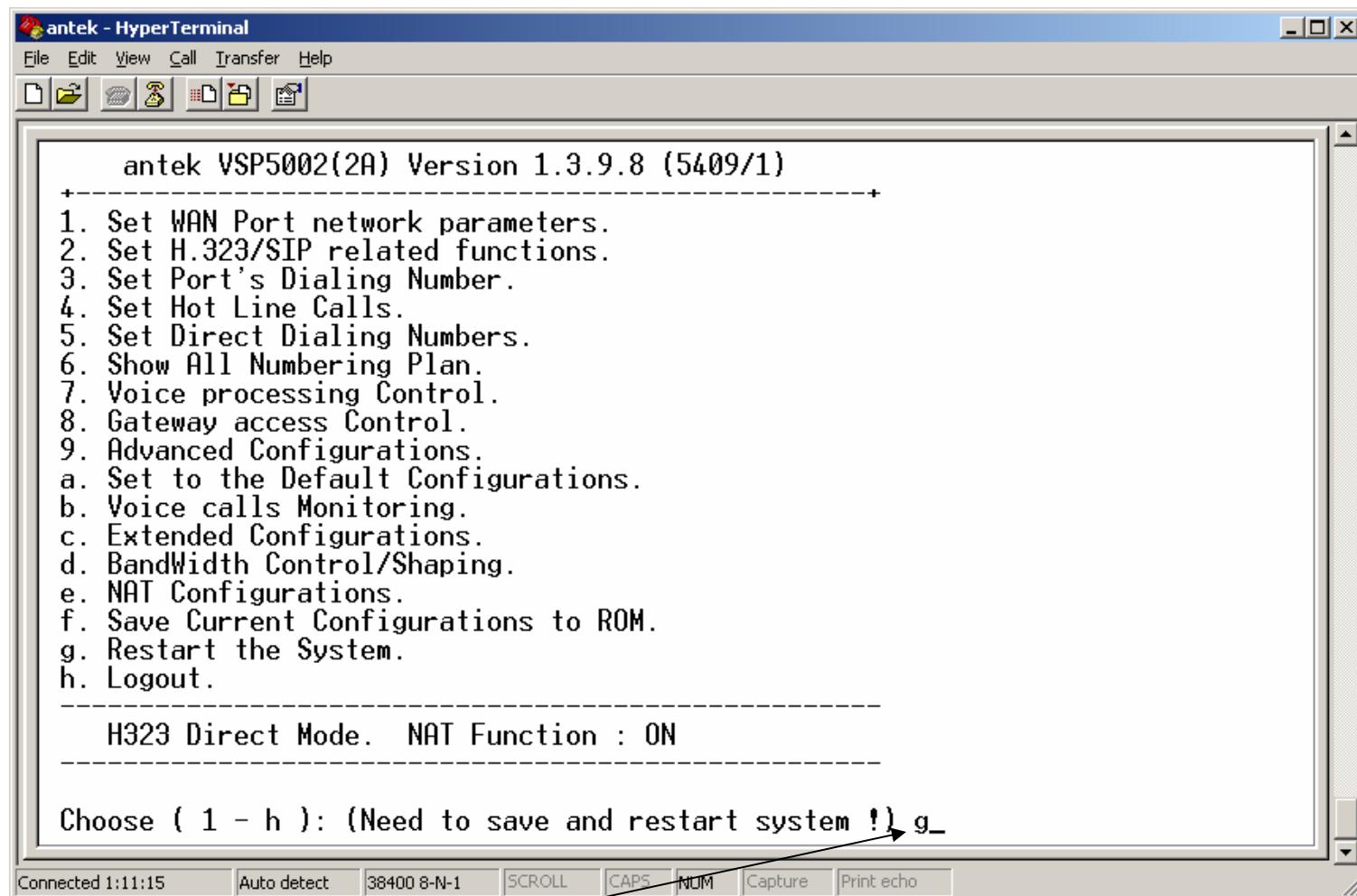
Untuk kembali ke menu sebelumnya tekan **Esc**.
Dan untuk menyimpan semua konfigurasi ke ROM ketik **f**. Tekan **Enter**.

Save Confirmation



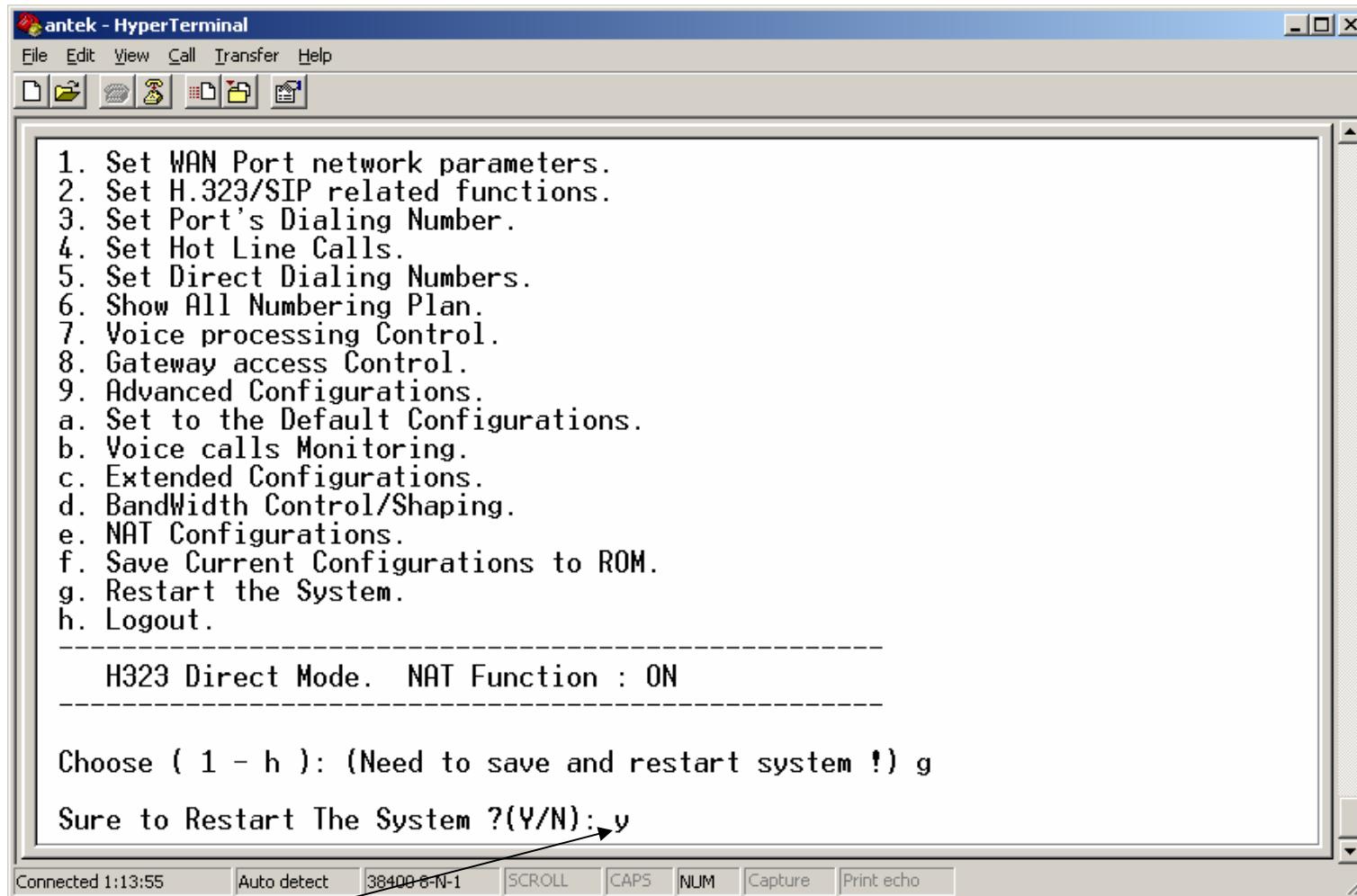
Untuk menyetujui semua konfigurasi disimpan ke ROM ketik **y**. Tekan **Enter**.

Restart the System



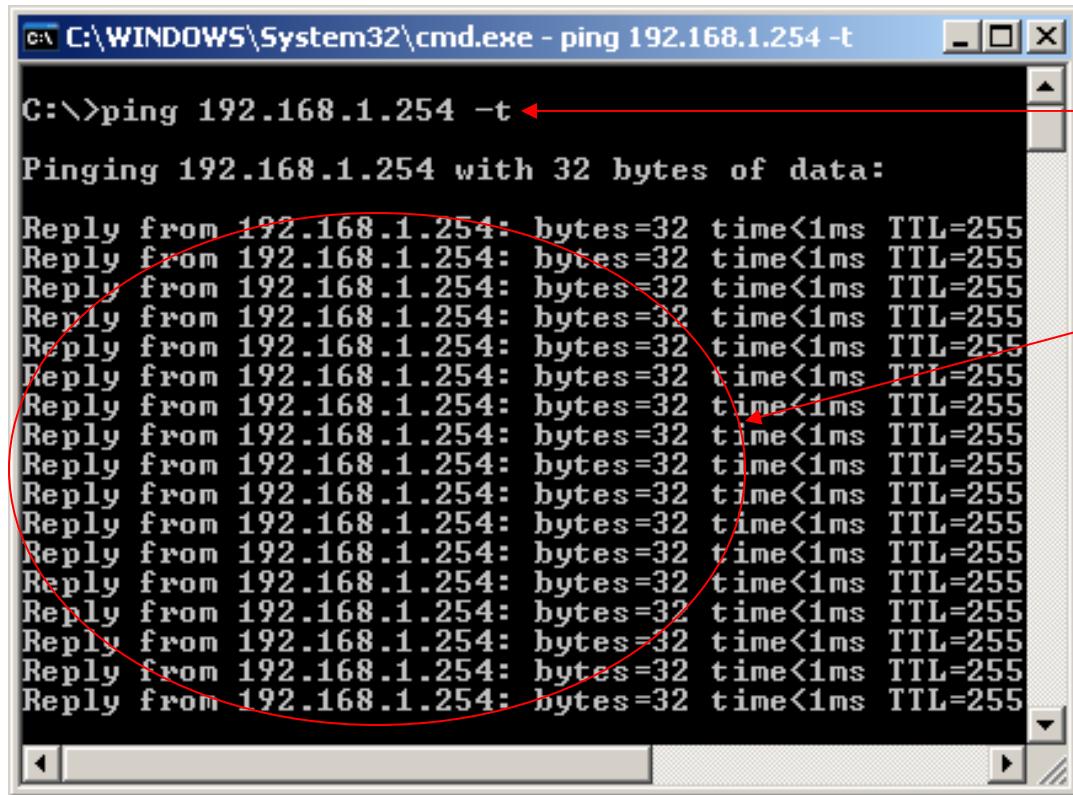
Ketik **g** untuk Restart sistem. Tekan **Enter**.

Restart Confirmation



Ketik **y** untuk menyetujui proses restart sistem. Tekan **Enter**.

Connection Test



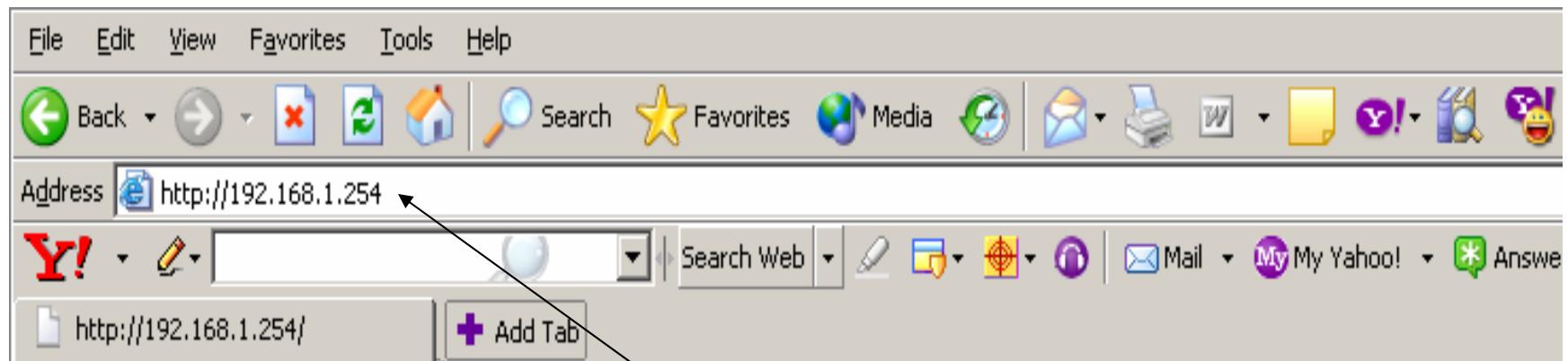
The image shows a screenshot of a Windows Command Prompt window. The title bar reads "C:\WINDOWS\System32\cmd.exe - ping 192.168.1.254 -t". The command entered in the prompt is "ping 192.168.1.254 -t". The output shows multiple replies from the target IP address, indicating successful connectivity. A red curved arrow points from the text "ketik ping 192.168.1.254 -t tekan Enter." to the command line in the screenshot.

```
C:\>ping 192.168.1.254 -t
Pinging 192.168.1.254 with 32 bytes of data:
Reply from 192.168.1.254: bytes=32 time<1ms TTL=255
```

Pada Command Prompt,
ketik **ping 192.168.1.254 -t**
tekan **Enter**.

Jika **Reply from 192.168.1.254**,
itu berarti Anda telah berhasil
konfigurasi pada Hyper Terminal.

Web Browser



Setelah Anda konfigurasi di Cosole Hyper Terminal, maka sekarang Anda dapat konfigurasi pada Web browser. Ketik **192.168.1.254** pada Address bar.

192.168.1.254 di dapat dari IP Configuration yang Anda buat melalui **Hyper Terminal**.

Secure Access Login



User name di kosongkan (tidak diisi).

Password : **antek**.

Klik **OK**.

Secara default User name tidak diisi dan password **antek** bisa dilihat dari CD / buku manual Antek VSP-5002 Series.

Tampilan Utama

Tampilan Utama menu konfigurasi Antek VSP-5002 Series pada web browser.

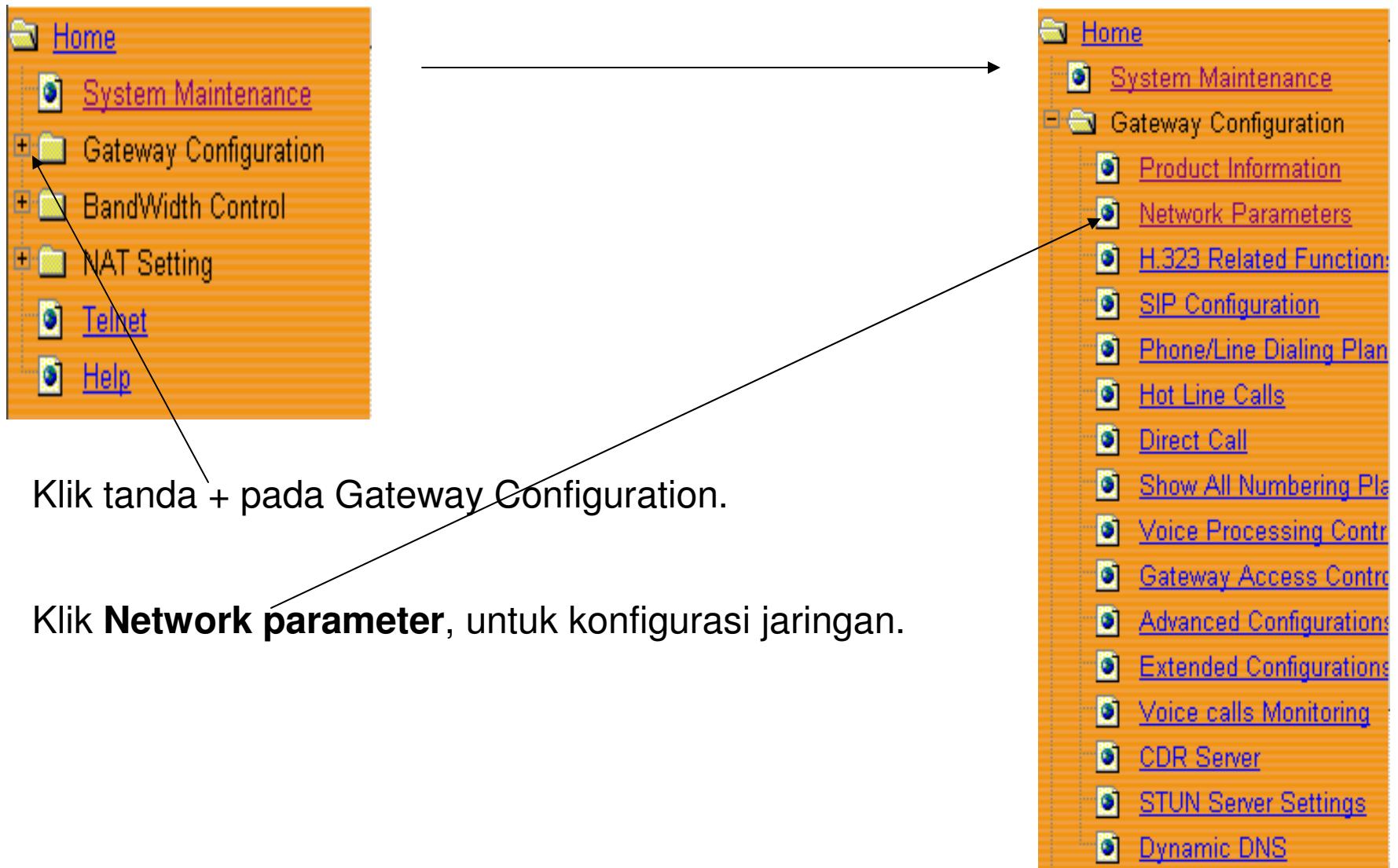
The screenshot shows the main configuration page for the VSP5002. The header features the Antek logo, the model name "VSP5002", and the text "SIP+H.323+NAT VoIP Gateway". A small image of the device hardware is also present. On the left, a navigation menu lists "Home", "System Maintenance", "Gateway Configuration", "BandWidth Control", "NAT Setting", "Telnet", and "Help". The main content area is titled "Outstanding Features" and lists several key features: Bandwidth Control (boosting voice quality from 1.0 to 3.8), Single IP Solution (no need for additional public IP address), Robust Function (good voice quality even with 20% packet loss), Anti-Line-Seizure (detects busy status of PBX automatically), Dynamic IP Support (uses PPPoE or DHCP for dynamic IP), Flexible Dialing Plan (enables number striping and prefixing), CDR Server (supports CDR server application on Windows), High Reliability (carrier-grade reliability), High Interoperability (interoperable with Cisco, Lucent, OKI, Ericsson, etc.), and Management Interface (Console, telnet, web, snmp).

- [Home](#)
- [System Maintenance](#)
- [Gateway Configuration](#)
- [BandWidth Control](#)
- [NAT Setting](#)
- [Telnet](#)
- [Help](#)

Outstanding Features

- Bandwidth Control -- Boost the voice quality (MOS value) from 1.0 to 3.8
- Single IP Solution -- Do not need additional public IP address.
- Robust Function -- Good voice quality even when packet loss rate is up to 20
- Anti-Line-Seizure -- Can detect the busy status of the PBX automatically.
- Dynamic IP Support -- Can use PPPoE or DHCP to get dynamic IP.
- Flexible Dialing Plan -- Enable number striping, prefixing to satisfy all application.
- CDR Server -- Support CDR server application on Windows.
- High Reliability -- Carrier grade reliability.
- High Interoperability -- Interoperable with Cisco, Lucent, OKI, Ericsson,....
- Management Interface -- Console, telnet, web, snmp

Network Parameter



Set Network Parameter

Set Network Parameters

Get IP Address Setting Method	<input type="radio"/> Static Set <input type="radio"/> Select
IP Address	172.19.51.4
Subnet Mask	255.255.255.224
Default Router	172.19.51.1
Ethernet MAC Address	00:04:0f:00:e7:f4

Get IP Address Setting Method pilih **Static Set.** Klik **Select.**

Isi IP Address, misalnya **172.19.51.4.**

Subnet Mask, misalnya **255.255.255.224.**

Default Router, misalnya **172.19.51.1.**



Return to default mac

Klik **OK.**

H.323 Related Function Menu



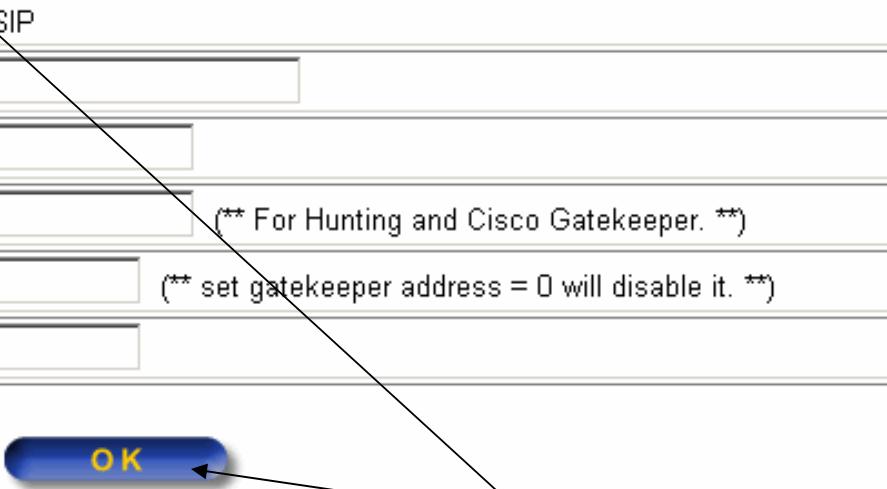
Klik menu **H.323 Related Function**, untuk memilih jenis protokol.

SIP Protocol

H.323 Configuration

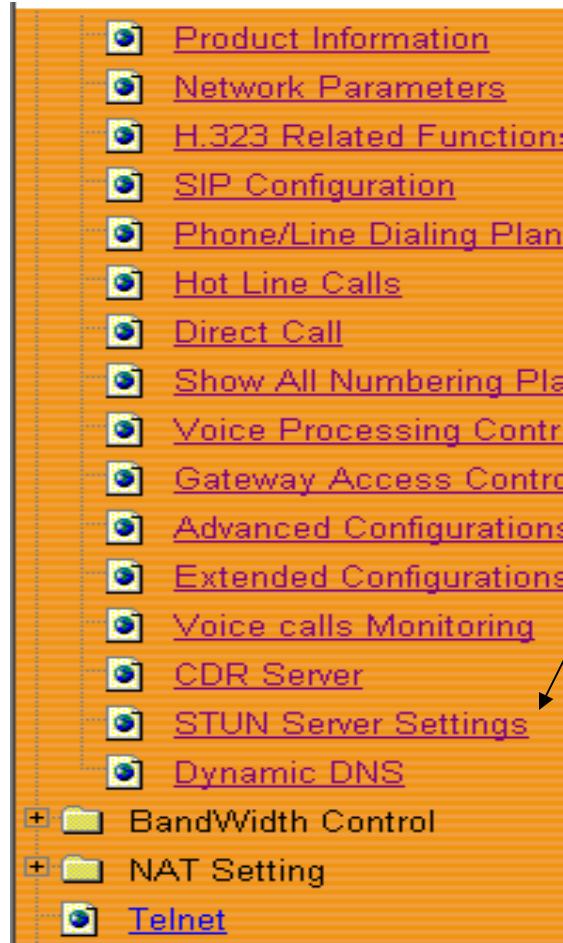
Default VoIP Protocol	<input type="radio"/> H.323 <input checked="" type="radio"/> SIP
H323-ID	<input type="text"/>
Gatekeeper-ID	<input type="text"/>
Technology Prefix	<input type="text"/> (** For Hunting and Cisco Gatekeeper. **)
Primary Gatekeeper IP	<input type="text"/> 0.0.0.0 (** set gatekeeper address = 0 will disable it. **)
Second Gatekeeper IP	<input type="text"/> 0.0.0.0

OK



Pilih jenis protokol yang ingin digunakan, misalnya **SIP**. Klik **OK**.

STUN Server Settings Menu



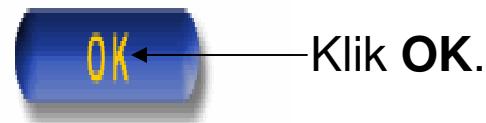
Klik **STUN Server Settings**, untuk konfigurasi STUN Server.

STUN Server

STUN Server

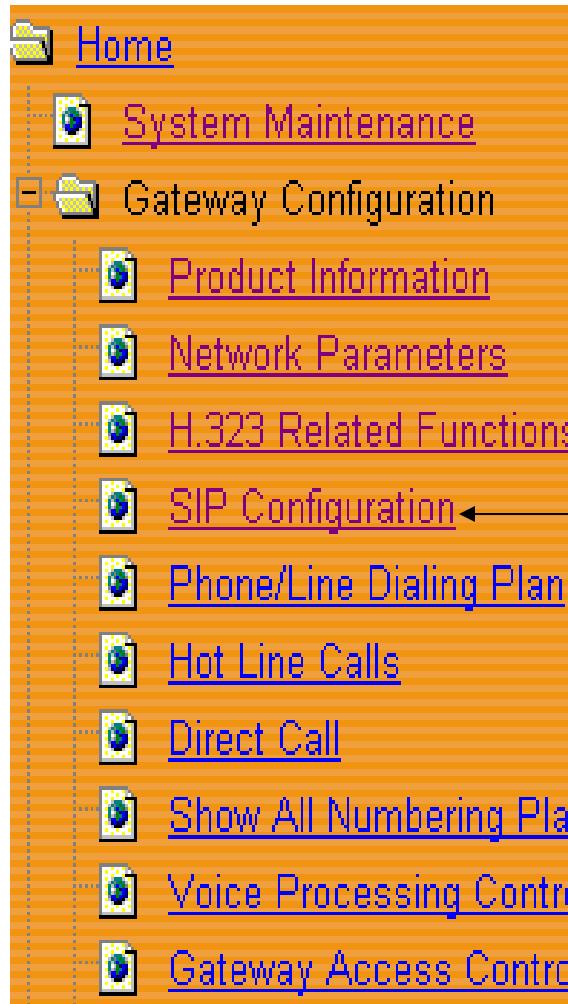
STUN Server Settings

STUN Enable/Disable	<input type="radio"/> Disable <input checked="" type="radio"/> Enable	STUN Sever pilih Enable .
STUN Server URL	202.153.128.34	Isi STUN Server URL, misalnya 202.153.128.34 .
STUN Server Port	3478	STUN Server, misalnya 3478 .



Klik **OK**.

SIP Configuration



Klik menu SIP Configuration, untuk konfigurasi SIP protokol.

Set SIP Server Menu

Set SIP Server

Default VoIP Protocol	<input type="radio"/> H.323 <input checked="" type="radio"/> SIP	OK
-----------------------	--	-----------

Default VoIP Protocol pilih **SIP**. Klik **OK**.

SIP Server	SIP Server Address/Port	Set SIP Server	Del SIP Server
SIP Server1	202.153.128.34/5060	ADD	DEL

SIP Server 1, misalnya
202.153.128.34/5060. Klik **ADD**.

Outbound Settings Enable/Disable	<input type="radio"/> Disable <input checked="" type="radio"/> Enable	
Outbound Proxy URL	202.153.128.34	
Outbound Proxy Port	5060	OK

Outbound Settings pilih **Enable**.
Outbound Proxy URL, misalnya
202.153.128.34.

SIP Domain Enable/Disable	<input type="radio"/> Disable <input checked="" type="radio"/> Enable	
SIP Domain URL	202.153.128.34	OK

SIP Domain pilih **Enable**.
SIP Domain URL, misalnya
202.153.128.34. Klik **OK**.

Ket : IP **202.153.128.34** adalah alamat domain **voiprakyat.or.id**, dengan antek seri ini anda harus menggunakan nomor IP, bukan nama domain.

Set Register SIP

Set Register SIP Server Plan

Phone Num	SIP Srv	Password	RegTime (ok)	RegTime (fail)	Tel port	Status
27125	1	abc6982	300	10	1	ADD

Isi Phone number, misalnya **27125**.

Isi SIP Server, misalnya **1**.

Isi Password, misalnya **abc6982**.

Tel port = **1**.

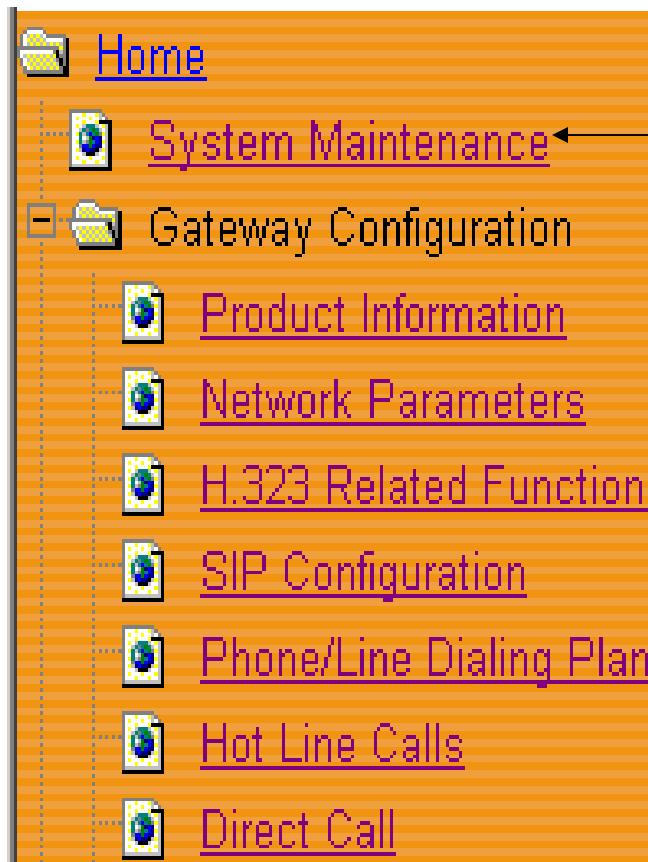
Klik **ADD**.

Ket :

Tel Port 1 diisi 1, jika Anda menghubungkan kabel PSTN pada port 1.

Tel Port 2 diisi 2, jika Anda menghubungkan kabel PSTN pada port 2.

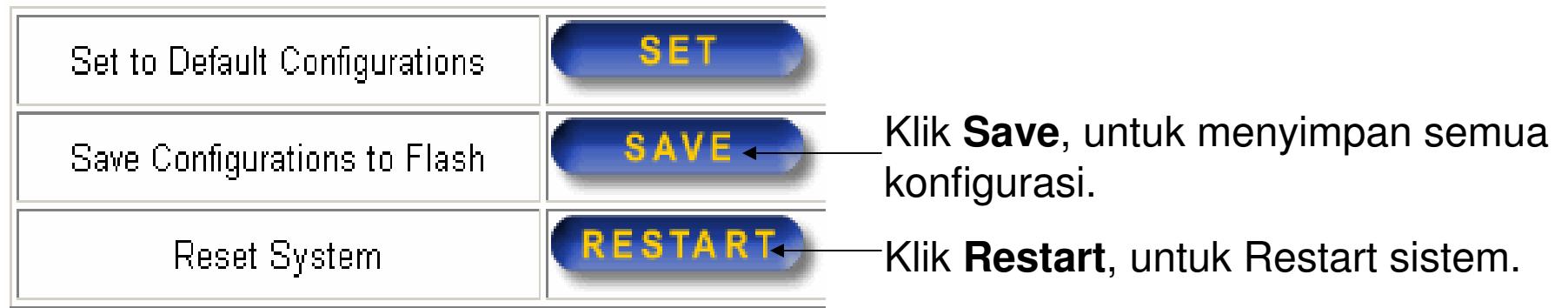
System Maintenance Menu



Klik **System Maintenance**, untuk konfigurasi System Maintenance.

System Maintenance

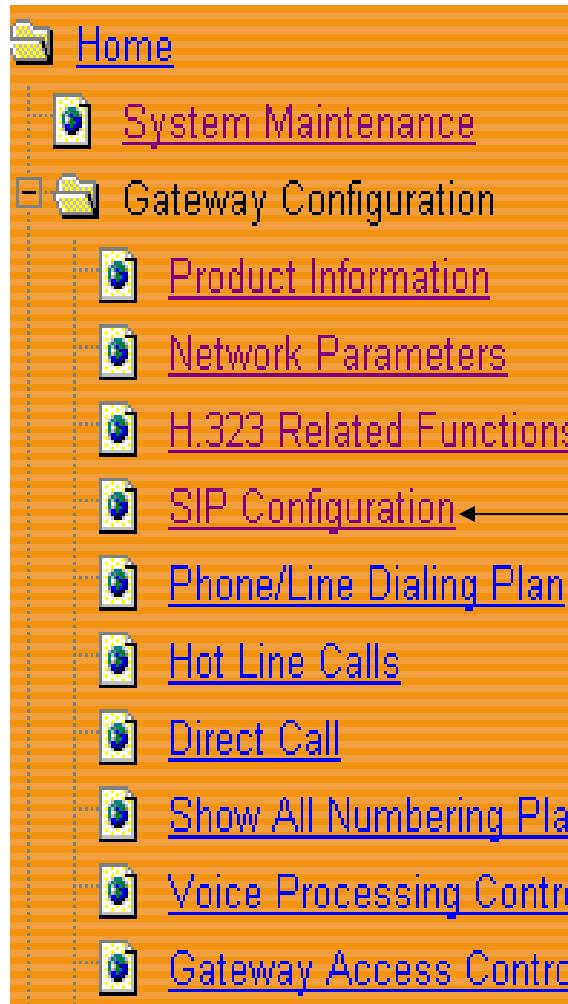
System Maintenance



Restarting VoIP Gateway. Please wait 30 seconds, then re-open web page...

Setelah Anda klik Restart, maka Anda harus menunggu selama 30 detik.

Status Registrasi



Kembali ke menu munu SIP Configuration,
untuk melihat status registrasi dengan SIP
Proxy.

Register Successful

Set Register SIP Server Plan

Phone Num	SIP Srv	Password	RegTime (ok)	RegTime (fail)	Tel port	Status	
27125	1	abc6982	300	10	1	Reg OK	DEL
			300	10		ADD	

Jika Status sudah **Reg OK**, maka Anda telah berhasil konfigurasi SIP Server Plan.

Terima Kasih Dan Selamat Mencoba

KONTAK

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