

# OvisLink

[www.ovislink.com.tw](http://www.ovislink.com.tw)

## eLive VOIP

*VOIP-210RS*

*VOIP-211RS*

*VOIP-220RS*

### Quick Setup Guide



## Important Information

- The AP mode's default IP address is **192.168.1.1**
- The default Subnet Mask is **255.255.255.0**
- The default login name is **root**
- The default DHCP client is **Disabled**

## Connection Type

### Static IP(Public IP)

The screenshot shows the OvisLink web management interface. The top navigation bar includes 'WAN Status', 'WAN Settings', 'PPPoE', 'IPSEC', 'VLAN', and 'MAC Spoofing'. The left sidebar has 'Home', 'WAN', 'LAN', 'SIP', 'CODECS', 'System', 'Download', 'Logout', and 'Reset'. The main content area is titled 'WAN Configuration' and contains the following settings:

- Device Operating Mode: Router
- Obtain WAN configuration dynamically:
- Specify fixed WAN configuration:
- IP Address: 172.16.0.1
- IP Netmask: 255.255.0.0
- IP Gateway: 172.16.0.254
- IP DNS Server: 168.95.192.1
- Host Name:
- Domain Name:
- Multicast Limits:
  - Broadcast limit: 100% (of Ethernet connection bitrate)
  - Multicast limit: 100% (of Ethernet connection bitrate)
- Save WAN Settings

- Go to the router's Web Management again and click on **WAN** of the left menu bar
- Click on **WAN Settings** of the top toolbar.

3. Select the **Specify fixed WAN configuration**, and fill in the information (if there is anything you don't sure, please ask your ISP for information)
4. Now, please press **Save WAN Settings**
5. The router must reboot to make the new settings to take effect. So, please select "Reset", then the first option to reboot the router.

### Under NAT router(DHCP)

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Home | **WAN** | LAN | SIP | CODECS | System | Download | Logout | **Reset**

WAN Status | **WAN Settings** | PPPoE | IPSEC | VLAN | MAC Spoofing

WAN Configuration

Device Operating Mode: Router

Obtain WAN configuration dynamically

Specify fixed WAN configuration

IP Address: 172.16.0.1

IP Netmask: 255.255.0.0

IP Gateway: 172.16.0.254

IP DNS Server: 168.95.192.1

Host Name: \_\_\_\_\_

Domain Name: \_\_\_\_\_

**Multicast Limits**

Broadcast limit: 100 % (of Ethernet connection bitrate)

Multicast limit: 100 % (of Ethernet connection bitrate)

Save WAN Settings

1. Go to the router's Web Management again and click on **WAN** of the left menu bar
2. Click on **WAN Settings** of the top toolbar.
3. Select the **Obtain WAN configuration dynamically**,

- Now, please press **Save WAN Settings**
- The router must reboot to make the new settings to take effect. So, please select "Reset", then the first option to reboot the router.

## PPPoE

- Go to the router's Web Management again and click on **WAN** of the left menu bar.
- Click on **PPPoE** of the top toolbar.
- Choose **Yes** to **Enable PPPoE**.
- Fill in the Authentication information (if there is anything you don't sure, please ask your ISP for information)
- Now, please press **Save PPPoE Settings**.
- The router must reboot to make the new settings to take effect. So, please select "Reset", then the first option to reboot the router.

## iptel.org setup

iptel.org is a free SIP VoIP server provider. If you have an OvisLink SIP VoIP router, you can setup the connection easily using the following step:

(Note: OvisLink is not affiliated with iptel.org. The VoIP router also work with majority of other SIP proxy service. The following instruction is for your own information only)

The screenshot shows the OvisLink web interface for SIP Configuration. The left sidebar contains navigation links: Home, WAN, LAN, SIP (4), CODECS, System, Download, Logout, and Reset (12). The main content area is titled 'SIP Configuration' and includes the following sections:

- SIP Server Settings (Current Server: 0, Domain):**
  - \* Server Address: iptel.org (IP or FQDN) (5)
  - \* Port: 5060 (6)
  - Domain Name: (empty)
  - Send Registration Request with Expire Time: 60 (7)
  - Outbound Proxy IP: (empty) (IP or FQDN)
  - Outbound Proxy Port: (empty)
  - Stun Server IP: (empty) (IP or FQDN)
  - Stun Server Port: (empty)
- Gateway Settings:**
  - Dial Plan: x.T (8)
  - # use as a quick dial function
  - To enable # to be recognized as dial number (9)
  - To enable \* to be recognized as dial number
- Line Configuration Table:** (10)

	Phone Number	CallerID Name	Port	AEC On	User Name	Password	Dial-in Plan Number
Line1:	123456		5060	Off	123456	*****	
Line2:			5061	Off			

\* Leaving a setting blank will force the unit to use the information obtained via DHCP and/or DNS

Save SIP Settings (11)

1. [Click on this link to register with iptel.org service.](http://sip.iptel.org/user/reg/index.php)  
(<http://sip.iptel.org/user/reg/index.php>)

2. Note: The user name must be composed with numbers. Please do not compose it with characters. (The user name is your phone number). Check your email for the IPtel account activation email. Please click the link in that email to finalize the registration.
3. Now please go to the router's web management. And configure the Internet connection as you would normally with a IP sharing router.
4. After you can connect with Internet, go to the router's Web Management again and click on **SIP** of the left menu bar.
5. Enter "iptel.org" in the Server Address Section.
6. Enter "5060" in the port section.
7. Check the "Send Registration Request", and Enter "60" for the expire time.
8. The Dial-Plan is used to limit the telephony number that the user can dial. For example, "2XX" means the router will only accept number start with "2" to "299". In this case, please enter "x.T" to allow all numbers.
9. Check the 2 options to allow # and \* sign to be used as part of a dial number.
10. On SIP router, each line use a different account. Therefore, if you have a 2-port VoIP router and you want to use both of them. You must register 2 different account. For the iptel.org setup.
  - ◇ **Phone Number:** Please enter your iptel.org number
  - ◇ **CallerID Name:** please leave this blank
  - ◇ **Port Number:** Please enter 5060
  - ◇ **User Name:** please enter your iptel.org number (It is your iptel.org user name)
  - ◇ **Password:** please enter your iptel.org password
  - ◇ **Dial-in Plar Number:** this field is used to define the auto-dial number upon off-hook. In this case, FWD doesn't require this, so please leave it blank.

11. Now, please press Save SIP Settings.
12. The router must reboot to make the new settings to take effect. So, please select "Reset", then the first option to reboot the router.
13. Start dialing your friends and family. Be sure to tell everyone about your IPtel username! The more people in the IPtel community, the more people you can call for free!
14. For more information, please go to <http://www.ip.tel.org/phpBB>

## Outbound Proxy & Stun setup

### Using Outbound Proxy under the NAT

<ul style="list-style-type: none"> <li>Home</li> <li>WAN</li> <li>LAN</li> <li style="background-color: #0070C0; color: white;">SIP</li> <li>CODECS</li> <li>System</li> <li>Download</li> <li>Logout</li> <li>Reset</li> </ul>	<ul style="list-style-type: none"> <li>SIP</li> <li>SIP Extensions</li> <li>OOB Signalling</li> <li>ToS/DiffServ</li> <li>VLAN</li> </ul>
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#### SIP Configuration

**SIP Server Settings** (Current Server: ip.tel.org : 5060 ; Domain: ip.tel.org; VoicePort: 8000)

\* Server Address:  (IP or FQDN)

\* Port:

Domain Name:

Voice Port:

Send Registration Request with Expires Time

Outbound Proxy IP:  (IP or FQDN)

Outbound Proxy Port:

Stun Server IP:  (IP or FQDN)

Stun Server Port:

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#### Gateway Settings

Dial Plan:

# use as a quick dial function

To enable # to be recognized as dial number

To enable \* to be recognized as dial number

Line1:	Phone Number	CallerID Name	Port	AEC On	User Name	Password	Dial-In Plan Number
Line1:	<input type="text" value="123456"/>	<input type="text"/>	<input type="text" value="5060"/>	<input type="text" value="00"/>	<input type="text" value="123456"/>	<input type="text" value="*****"/>	<input type="text"/>

\* Leaving a setting blank will force the unit to use the information obtained via DHCP and/or DNS

**Outbound Proxy IP:** ip.tel.org  
**Outbound Proxy Port:** 5060

## Using STUN under the NAT

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Home

WAN

LAN

**SIP**

CODECS

System

Download

Logout

Reset

SIP SIP Extensions OOB Signalling ToS/DiffServ VLAN

### SIP Configuration

**SIP Server Settings** (Current Server: iptel.org : 5060 ; Domain: iptel.org; VoicePort: 8000)

\* Server Address:  (IP or FQDN)

\* Port:

Domain Name:

Voice Port:

Send Registration Request with Expire Time

Outbound Proxy IP:  (IP or FQDN)

Outbound Proxy Port:

Stun Server IP:  (IP or FQDN)

Stun Server Port:

### Gateway Settings

Dial Plan:

# use as a quick dial function

To enable # to be recognized as dial number

To enable \* to be recognized as dial number

Phone Number	CallerID Name	Port	AEC On	User Name	Password	Dial-In Plan Number
Line1: <input type="text" value="123456"/>	<input type="text"/>	<input type="text" value="5060"/>	<input type="text" value="ON"/>	<input type="text" value="123456"/>	<input type="text" value="*****"/>	<input type="text"/>

\* Leaving a setting blank will force the unit to use the information obtained via DHCP and/or DNS

**Stun Server IP:** larry.gloo.net

**Stun Server Port:** 5060

## MENO

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