

# **AirLive SIP Basic Settings**

## **SIP Basic Setting Example**

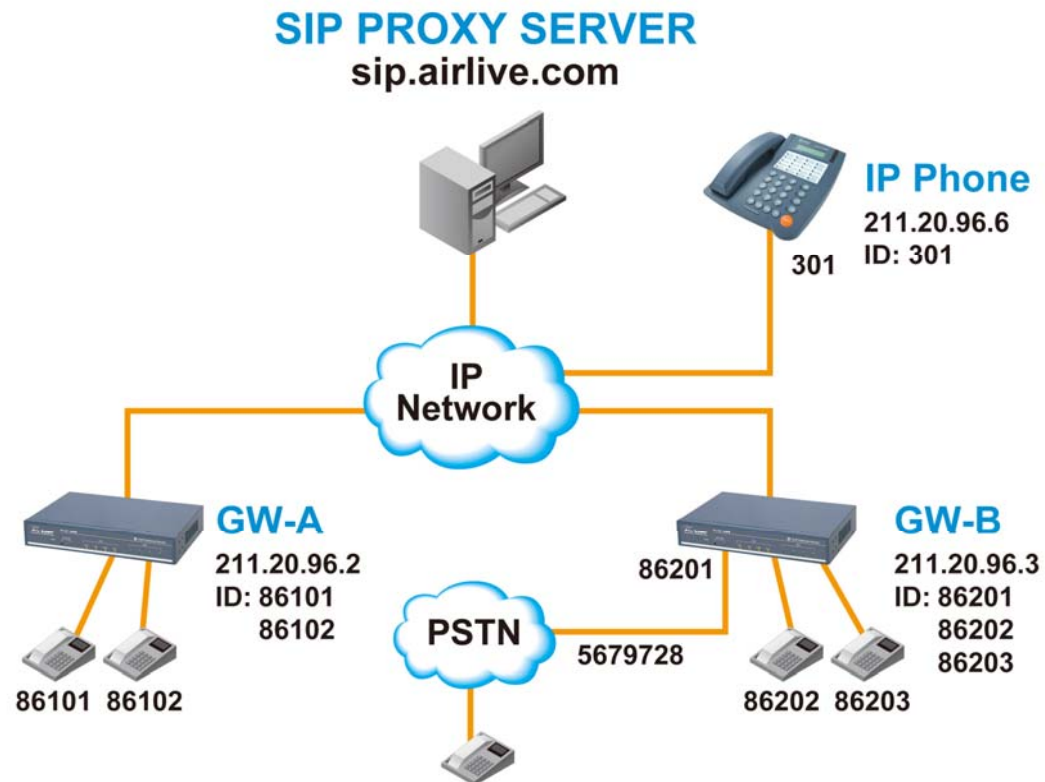


## Table of Content

Connection Diagram .....	3
Setting Information .....	4
GW A Configuration .....	5
GW B Configuration .....	7
Register Result .....	9
How to Dial .....	10

## Connection Diagram

GW A, GW B and IP Phone are under the IP Network. GW A and GW B register to a SIP Proxy Server





## Setting Information

### SIP Proxy Server

IP Address/port: sip.airlive.com/5060  
Allow Reg. ID, A/C & PW: <86101, A/C: 86101, PW: 86101>  
<86102, A/C: 86102, PW: 86102 >  
<86201, A/C: 86201, PW: 86201 >  
<86202, A/C: 86202, PW: 86202 >  
<86203, A/C: 86203, PW: 86203 >

### GW-A (2 port FXS)

IP Address: 211.20.96.2  
Caller ID, A/C & PW : 86101, A/C: 86101, PW: 86101  
86102, A/C: 86102, PW: 86102

### GW-B (2 port FXS, 2 port FXO)

IP Address: 211.20.96.3  
Caller ID, A/C & PW : 86201, A/C: 86201, PW: 86201  
86202, A/C: 86202, PW: 86202  
86203, A/C: 86203, PW: 86203  
PSTN line number: 567-9728

### IP phone

IP Address: 211.20.96.6  
Caller ID 301

# GW A Configuration

## Step 1: Configuring the GW A IP address, subnet mask and gateway

```
Console>net setip 211.20.96.2  
Console>net set mask 255.255.255.248  
Console>net set gateway 211.20.96.1
```

## Step 2: Configuring the GW A SIP setting

```
Console>set sipdns_ip 168.95.1.1  
Console>set sipregadd 86101 500 1 sipptest.ovislink.com.tw5060 86101 86101  
Console>set sipregadd 86102 500 1 sipptest.ovislink.com.tw5060 86102 86102  
Console>set sip auto_reg on  
Console>set port 0 cid number 86101  
Console>set port 1 cid number 86102  
Console>config activate  
Console>config store
```

## Step 3: DailPlan Setting

```
Console>atpm req
```



```
Console>atpm purge all
Console>atpm aadd 86101 5 5 1 5
Console>atpm aadd 86102 5 5 1 5
Console>atpm aadd 9 1 16 11 1
Console>atpm aadd 301 3 3 12 0
Console>atpm hadd 1 2 1 2
Console>atpm hadd 11 2 11
Console>atpm hadd 12 2 12
Console>atpm dadd 1 port 0
Console>atpm dadd 2 port 1
Console>atpm dadd 11 dns sipptest.ovislink.com.tw
Console>atpm dadd 12 sip 211.20.96.6
Console>atpm done
Console>atpm store
```

#### **Step 4: Reboot the Gateway**

```
Console>net reset y
```

## GW B Configuration

### Step 1: Configuring the GW B IP address, subnet mask and gateway

```
Console>net set ip211.20.96.3
Console>net set mask 255.255.255.248
Console>net set gateway 211.20.96.1
```

### Step 2: Configuring the GW B SIP setting

```
Console>set sipdns_ip168.95.1.1
Console>set sip reg add 86201 500 1 sipstest.ovislink.com.tw5060 86201 86201
Console>set sip reg add 86202 500 1 sipstest.ovislink.com.tw5060 86202 86202
Console>set sip reg add 86203 500 1 sipstest.ovislink.com.tw5060 86203 86203
Console>set sip auto_reg on
Console>set port 0 cid number 86201
Console>set port 2 cid number 86202
Console>set port 3 cid number 86203
Console>set coding all dtmf_relay off
Console>config activate
Console>config store
```

### Step 3: DailPlan Setting



```
Console>atpm req
Console>atpm purge all
Console>atpm aadd 86201 5 5 1 5
Console>atpm aadd 86202 5 5 3 5
Console>atpm aadd 86203 5 5 3 5
Console>atpm aadd 9 1 16 11 1
Console>atpm aadd 301 3 3 12 0
Console>atpm hadd 1 2 1
Console>atpm hadd 3 2 3 4
Console>atpm hadd 11 2 11
Console>atpm hadd 12 2 12
Console>atpm dadd 1 port 0
Console>atpm dadd 3 port 2
Console>atpm dadd 4 port 3
Console>atpm dadd11 dns sipptest.ovislink.com.tw
Console>atpm dadd12 sip 211.20.96.6
Console>atpm done
Console>atpm store
```

#### **Step 4: Reboot the Gateway**

```
Console>net reset y
```



## Register Result

After reboot, if SIP ITG registered success, you can see below message

```
***** Internet Telephony Gateway (ACC) Version s011b *****
***** Hardware Configuration *****
Flash: type-Am29LV160DB 32 sectors 64 KB/sector
RAM: 8 MB 512K x 16
LAN: auto-negotiation on-going. Link DOWN
TIM slot A: type-FXS2 DSP-C549 codec-DuSLIC-SDiag-OK
*****

Password? nmmp_ssmu_activate sent registrar
nmmp_ssmu_activate sent registrar
The registration succeeded
NMM: SIP register phone 86101 1 status: SUCCESS
```

Or you can key-in command "**show sip reg**" check ITG registered data:

```
Console>show sip reg
Registrar 1: Registered    reg_num:86101
registrar: sip.airlive.com 5060 expires: 500
name: 86101    passwd: 86101
if you register success , ITG will show "registered", otherwise it will show "UnRegistered".
```

## How to Dial

### Make a Call via the Proxy Server

#### **GW A FXS call GW B FXS**

Dial '986202' or '986203' (Hunting)

#### **GW A FXS call GW B FXO to PSTN #**

Dial '986201' get PSTN dial tone

Dial PSTN #

#### **GW B FXS call GW A FXS**

Dial '986101' or '986102' (Hunting)

#### **PSTN # via GW B FXO call GW A FXS**

From PSTN # Dial '5679728' get GW B dial tone

Dial '986101' or '986102' (Hunting)

#### **GW A or B FXS call IP Phone**

Dial 301

### Make a Call to IP Phone Directly

#### **GW A or B FXS call IP Phone**

Dial 301