



Bulletin SNO001 – SNOM 360 Configuration for WorldSmart

Configuring the SNOM 360 via the Web Interface

If you press the Menu button and then press the down arrow on the phone five times to select Network and then press then down arrow once to select IP Address; this will display the IP address of the device. Once you have the IP address of your SNOM you can access the web interface by opening a web browser and typing the following in the Address:

<http://< IP Address of SNOM >>

For example: <http://192.168.1.75>

You should now see the SNOM Welcome screen. See image below.

Welcome to Your Phone!

Operation
Home
Address Book

Setup
Preferences
Speed Dial
Function Keys
Line 1
Line 2
Line 3
Line 4
Line 5
Line 6
Line 7
Line 8
Line 9
Line 10
Line 11
Line 12
Action URL Settings
Advanced
Trusted Certificates
Software Update

This web interface makes it easy for you to set your phone up correctly and to access the advanced features. To dial a number, just enter the number in the field below. You can enter a simple telephone number (e.g. 0114930398330) or URI like info@snom.com.

Dial a Number:

Outgoing Identity:

Diales Numbers

Date	Time	Duration	Local Identity	Number
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Missed Calls

Date	Time	Missed	Local Identity	Number
------	------	--------	----------------	--------

Received Calls

Date	Time	Duration	Local Identity	Number
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Configuration Line 1 – Login

Under the Login settings make sure the following is set.

Display Name:	Friendly Name
Account:	WorldSmart Account Name
Password:	WorldSmart Password
Registrar:	p7.wspbx.com
Mailbox:	User mailbox
Display text for idle screen:	Extension + WorldSmart Account Name

Then press **Save**

The screenshot shows the 'Configuration Line 1' settings page. The left sidebar has a yellow background and contains the following menu items: **Operation** (Home, Address Book) and **Setup** (Preferences, Speed Dial, Function Keys, Line 1, Line 2, Line 3, Line 4, Line 5, Line 6, Line 7, Line 8, Line 9). The main content area has a blue header 'Configuration Line 1' and a light blue background. It features four tabs: **Login** (selected), SIP, NAT, and RTP. The 'Login Information' section includes: 'Line active:' with radio buttons for 'On' (selected) and 'Off'; 'Displayname:' with a text field containing 'John Doe'; 'Account:' with a text field containing 'jdoe1-worksmart-com'; 'Password:' with a masked text field '*****'; 'Registrar:' with a text field containing 'p7.wspbx.com'; 'Authentication Username:' with a text field containing 'jdoe1-worksmart-com@p7.wsp'; 'Mailbox:' with a text field; 'Ringtone:' with a dropdown menu set to 'Ringer 1' and a 'Play' button; 'Custom Melody URL:' with a text field; 'Display text for idle screen (max. 8 chars):' with a text field containing '9021 jdoe'; and 'Record Missed Calls:' with radio buttons for 'On' (selected) and 'Off'. At the bottom of the form are 'Save' and 'Re-Register' buttons.

Configuration Line 1 – SIP

Under the SIP (Session Initiation Protocol) settings make sure the following is set:

Outbound Proxy: **p7.wspbx.com**

Everything else is left as default.

Then press **Save**.

Configuration Line 1

Operation
Home
Address Book

Setup
Preferences
Speed Dial
Function Keys
Line 1
Line 2
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Line 4
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Line 6
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Line 8
Line 9

[Login](#) [SIP](#) [NAT](#) [RTP](#)

SIP Line Settings:
Outbound Proxy: p7.wspbx.com
Music on hold server:
Alert Info URL:
User picture URL:
Music on hold Streaming URL:
Dial-Plan String:
Q-Value: 1.0
Proposed Expiry: 1 hour
Auto Answer: on off
Long SIP-Contact (RFC3840): on off
Support broken Registrar: on off

Configuration Line 1 – NAT

Under the NAT (Network Address Translation) settings, there are no changes required.

Configuration Line 1

Operation
Home
Address Book

Setup
Preferences
Speed Dial
Function Keys
Line 1
Line 2
Line 3

[Login](#) [SIP](#) [NAT](#) [RTP](#)

NAT Line Settings:
Offer ICE: on off
STUN server (IP-addr:port):
Keepalive interval (seconds):
Symmetrical RTP: on off

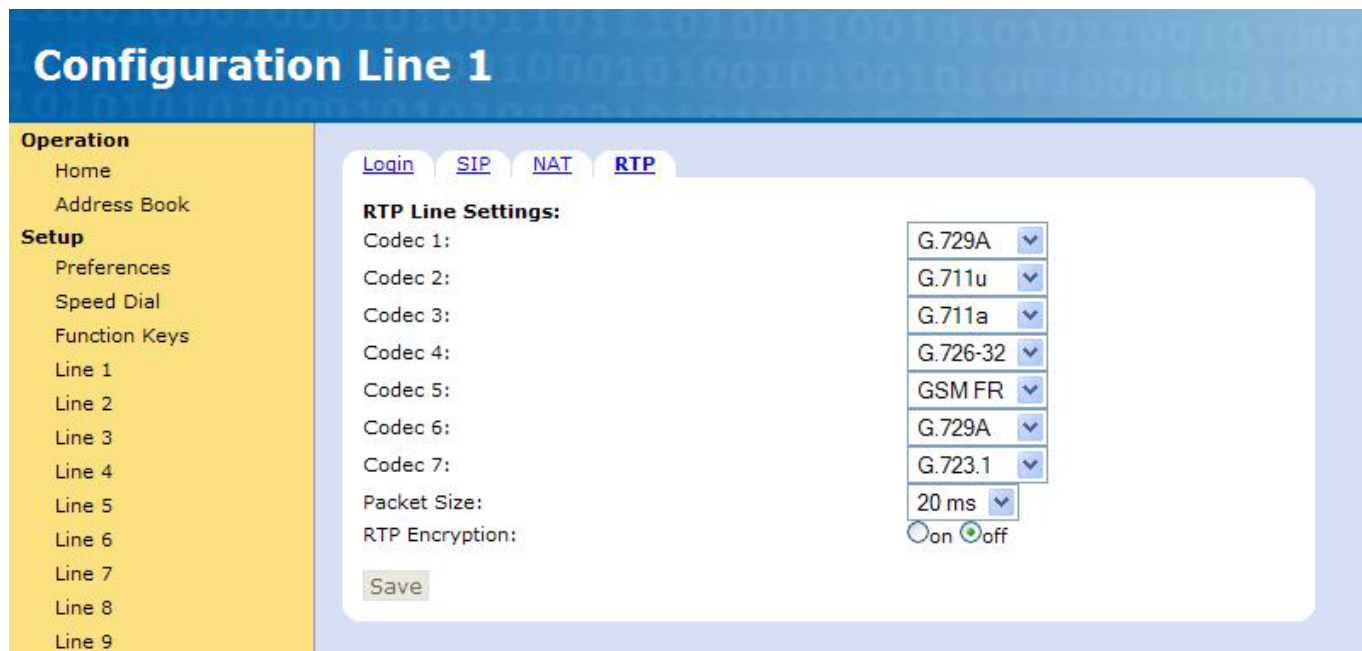
Configuration Line 1 – RTP

Under the RTP (Real Time Protocol) settings, make sure the following is set in order.

Codec 1: **G.729A**
Codec 2: **G.711u (PCMU)**
Codec 3: **G.711a (PCMA)**
Codec 4: **GSM FR**

Also make sure the RTP (Real Time Protocol) Packet Size is set to **20ms**.

Then press **Save**.



The screenshot shows the 'Configuration Line 1' interface. On the left is a yellow sidebar with 'Operation' (Home, Address Book) and 'Setup' (Preferences, Speed Dial, Function Keys, Line 1-9) options. The main area has tabs for 'Login', 'SIP', 'NAT', and 'RTP'. Under 'RTP Line Settings', there are dropdown menus for Codec 1 through 7, a 'Packet Size' dropdown set to '20 ms', and an 'RTP Encryption' toggle set to 'off'. A 'Save' button is at the bottom.

Setting	Value
Codec 1:	G.729A
Codec 2:	G.711u
Codec 3:	G.711a
Codec 4:	G.726-32
Codec 5:	GSM FR
Codec 6:	G.729A
Codec 7:	G.723.1
Packet Size:	20 ms
RTP Encryption:	off

Advanced Settings

Under the Advanced Setting, make sure the following is set.

Network

DHCP: **ON** or **OFF**
(If **OFF** then the following will be needed)

IP address: **xxx.xxx.xxx.xxx (e.g. 192.168.1.75)**

Netmask: **xxx.xxx.xxx.xxx (e.g. 255.255.255.0)**

Phone Name:

IP Gateway: **xxx.xxx.xxx.xxx (e.g. 192.168.1.1)**

DNS

Domain: **mydomain.com (this is your domain)**

DNS Server 1: **xxx.xxx.xxx.xxx (e.g. 192.168.1.1)**

DNS Server 2: **xxx.xxx.xxx.xxx (e.g. 192.168.4.247)**

Time

NTP Time Server: **xxx.xxx.xxx.xxx (e.g. 192.53.103.103)**

Time zone: **-8 United States Western Time (this is your local time zone)**

All the other setting can be left as defaults; there are a couple that can be changed, depending on the requirements.

Then press **Save**.

Advanced Settings

Operation

- Home
- Address Book

Setup

- Preferences
- Speed Dial
- Function Keys
- Line 1
- Line 2
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- Line 4
- Line 5
- Line 6
- Line 7
- Line 8
- Line 9

Network:

DHCP: on off

IP address: 192.168.1.10

Netmask: 255.255.255.0

Phone name: new-host-6

IP Gateway: 192.168.1.1

DNS:

Domain:

DNS Server 1: 192.168.1.1

DNS Server 2: 65.106.1.196

Time:

NTP Time Server: pool.ntp.org

Timezone: -8 United States - Western Time


Preferences

The Preferences settings can be changed depending on the user requirements, e.g. Language, Tone, 24 Hour Clock, etc.

Then press **Save**.

Preferences

- Operation**
 - Home
 - Address Book
- Setup**
 - Preferences
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 - Line 11
 - Line 12
 - Action URL Settings
 - Advanced
 - Trusted Certificates
 - Software Update
- Status**
 - System Information
 - Log
 - SIP Trace
 - DNS Cache
 - PCAP Trace
 - Memory
 - Settings
- Manual**



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General Information:

Webinterface Language: English

Language: English

Number Display Style: Name

Tone Scheme: United States

MWI Notification: Silent

MWI Dial Tone: Stutter

Use Headset Device: None

Use Backlight: on off

U.S. date format (mm/dd): on off

24 Hour clock: on off

Use Flash Plugin: on off

Redirection:

Event: Never

Timeout:

Number (Redirect):

Number (Busy):

Ringtone defaults:

Ringer Device for Headset: Use Speaker

Default Ringer: Ringer 1

Address Book Ringtones:

"Friends": Ringer 2

"Family": Ringer 3

"Colleagues": Ringer 4

"VIP": Ringer 5

Custom Melody URL:

Auto Answer:

Auto Answer Indication: on off

Type of Answering: Handsfree

Privacy Settings:

Call Line Identification Presentation (CLIP): Hide Show

Call Line Identification Restriction (CLIR): Reject Accept

Presence Inactivity Timeout (in minutes): 15

System Information

Under the System Information screen, you will see the following:

Phone Type: **snom360-SIP**
Mac Address: **xx:xx:xx:xx:xx:xx**
IP-Address: **xxx.xxx.xxx.xxx (e.g. 192.168.1.75)**
Version-Code: **snom360-SIP 4.0 (This is the latest release as of 5/06)**

Under the SIP Line Status you should see that Line 1 in now registered.

Line 1 Status: **jdoe1-worldsmart@p7.wspbx.com: OK**

The SNOM / Elmeg is now ready to be used.

System Information

Operation

- Home
- Address Book

Setup

- Preferences
- Speed Dial
- Function Keys
- Line 1
- Line 2
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- Line 4
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- Line 8
- Line 9
- Line 10
- Line 11
- Line 12

System Information:

Phone Type: snom360-SIP
MAC-Address: 0004132312C8
IP-Address: 192.168.1.10
Version-Code: snom360-SIP 4.0
Bootloader:
Firmware: <http://www.snom.com/download/share/snom360-3.31-r.bin>
Production Mac:0004132312C8;Version:Standard;Hardware:snom360 (MB V10_L2,KB V10_k7);Lot: 02/05

SIP Line Status:

Line 1 Status: jdoe1-worksmart-com@p7.wspbx.com: OK
Line 2 Status:
Line 3 Status:
Line 4 Status:
Line 5 Status:
Line 6 Status:
Line 7 Status:
Line 8 Status:
Line 9 Status:
Line 10 Status:
Line 11 Status:
Line 12 Status:

New SNOM / Elmeg firmware releases can be found on <http://www.snom.com/firmware.html>