

IP Phone Configuration Guide

In addition to softphones and ATAs, you can also use an IP Phone for your DynaSky VoIP calls and enjoy free in-Net calls, voicemail and unlimited call receiving. Find IP Phones at Office Depot, Buy.com or MacMall.com. Let's use Snom 820 IP Phone as an example in this guide.



Please have on hand:

IP Phone
PC/laptop with Internet access

Step One: Confirm IP Address

1. Power on Snom 820 IP Phone
2. Confirm IP address by pressing Help, or dial 7. Your IP Phone's IP address will display on the screen.
3. Launch a browser on your computer and go to <http://<IP address>/>

Your IP Phone is rich in setting-selection, we will highlight a few to help you through a speedy configuration setup.

Step Two: Configure Identity

Login

1. Account: Use your DynaSky VoIP username and password as found on [DynaSky VoIP Summary](https://www.dynasky.com/account/en/my_voip_summary.asp) [https://www.dynasky.com/account/en/my_voip_summary.asp].
2. Password
3. Registrar: voip.dynasky.com
4. Authenticate Username: username-voip.dynasky.com
5. Mailbox: *0

Configuration Identity 1

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Login Information:

Identity active: on off ?

Displayname: ?

Account: ?

Password: ?

Registrar: ?

Outbound Proxy: ?

Failover Identity: ?

Authentication Username: ?

Mailbox: ?

Ringtone: ?

Custom Melody URL: ?

Display text for idle screen: ?

XML Idle Screen URL: ?

Ring After Delay (sec): ?

Record Missed Calls: on off ?

Record Dialed Calls: on off ?

Record Received Calls: on off ?

SIP

1. Long SIP-Contact (RF3840): off
2. Support broken Registrar: on

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SIP Identity Settings:

Music on hold server: ?

Send hold as inactive: on off ?

Alert Info URL: ?

User picture URL: ?

Dial-Plan String: ?

ENUM Support: on off ?

Countrycode: ?

Areacode: ?

Proxy Require: ?

Additional supported headers: ?

Q-Value: ?

Proposed Expiry: ?

Auto Answer: on off ?

Long SIP-Contact (RFC3840): on off ?

Support broken Registrar: on off ?

Shared Line: on off ?

Publish Presence on bootup: on off ?

DTMF via SIP INFO: ?

Send display name on INVITE: on off ?

Extension Monitoring Call Pickup List: on off ?

Extension Monitoring Call Pickup List URI: ?

Contact List: on off ?

Contact List URI: ?

Server Type Support: ?

Remove all bindings on unregister: on off ?

Subscription Expiry (s): ?

Failed Subscription Retry Time (s): ?

Enable hook flash: on off ?

Save

NAT

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NAT Identity Settings:

Offer ICE:

on off ?

STUN server (IP-addr:port):

?

STUN interval (seconds):

?

Keepalive interval (seconds):

?

RTP

Full SDP Answer: off

Symmetrical RTP: off

RTP Encryption: off

Dynaskmic G.726 payload: off

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RTP Identity Settings:

Codec 1:	G.711u	?
Codec 2:	G.711a	?
Codec 3:	G.722	?
Codec 4:	G.726-32	?
Codec 5:	GSM FR	?
Codec 6:	G.729A	?
Codec 7:	G.723.1	?
Packet Size:	20 ms	?
Full SDP Answer:	<input type="radio"/> on <input checked="" type="radio"/> off	?
Symmetrical RTP:	<input type="radio"/> on <input checked="" type="radio"/> off	?
RTP Encryption:	<input type="radio"/> on <input checked="" type="radio"/> off	?
Dynamic G.726 payload:	<input type="radio"/> on <input checked="" type="radio"/> off	?
G.726 Byte Order:	<input checked="" type="radio"/> RFC3551 <input type="radio"/> AAL2	?
SRTP Auth-tag:	<input checked="" type="radio"/> AES-32 <input type="radio"/> AES-80	?
RTP/SAVP:	off	?

Save

Step Three :Advanced Settings

SIP/RTP

1. SIP Session Timer (s): 30

DoS/Security

1. Filter Packets from Registrar: off

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SIP:

Network identity (port): ?

SIP T1 (ms): ?

Timer Support (RFC4028): on off ?

SIP Session Timer (s): ?

SIP Dirty Host TTL (s): ?

SIP Max Forwards: ?

ENUM Suffix: ?

Retry interval after failed registration (s): ?

Use user:phone: on off ?

Publish Presence: on off ?

Refer-To Brackets: on off ?

Require PRACK: on off ?

Send PRACK: on off ?

Offer GRUU: on off ?

Offer MPO: on off ?

Use Outbound: on off ?

Use SIP Compact Headers: on off ?

Listen on SIP TCP port: on off ?

Register HTTP contact: on off ?

Disable blind transfer (REFER): on off ?

Disable deflection (code 302): on off ?

Show History-Info: on off ?

Show Diversion: on off ?

Use NAPTR on SIP URIs: on off ?

Encode display name: on off ?

Update Called Party ID: on off ?

Voice Quality Report Collector: ?

RTCP-XR: ?

Check SDP Version: on off ?

Minibrowser:

XML NOTIFY Support: on off ?

RTP/RTCP:

Dynamic RTP port start: ?

Dynamic RTP port stop: ?

DTMF Payload Type: ?

RTCP Support: on off ?

RTP Keepalive: on off ?

Enhanced JB: on off ?

JB_Min: ?

JB_Max: ?

JB_Shrink: ?

Multicast:

Multicast Support: on off ?

(1) IP Address: ?

(2) IP Address: ?

(3) IP Address: ?

(4) IP Address: ?

(5) IP Address: ?

(6) IP Address: ?

(7) IP Address: ?

(8) IP Address: ?

(9) IP Address: ?

(10) IP Address: ?

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Quality of Service:

RTP Type of Service (TOS/Diffserv): ?

SIP Type of Service (TOS/Diffserv): ?

VLAN

VLAN ID (0..4095) and Priority (0..7) separated by a space (e.g. '128 5'): ?

Un-/Tag VLAN traffic to/from specific switch ports: on off ?

Net Port:

VLAN Id (0..4095): ?

VLAN Priority (0..7): ?

PC Port:

VLAN Id (0..4095): ?

VLAN Priority (0..7): ?

Security:

Ignore security advices: on off ?

Use hidden tags: on off ?

Allow CSTA control: on off ?

Empty client cert: on off ?

Filter Packets from Registrar: on off ?

Authentication for SIP Reboot: on off ?

Authentication for SIP Check-Sync: on off ?

Administrator Mode: on off ?

Administrator Password: ?

Administrator Password (Confirmation): ?

HTTP Server:

User: ?

Password: ?

Authentication Scheme: Digest Basic ?

HTTP Client:

User: ?

Password: ?

HTTP Proxy:

User: ?

Password: ?

Save

Upload Server Certificate:

Browse...

Load

Click the "Save" button at the bottom of the page, and then click the "Reboot" button that appears at the top of the page. Your phone will restart. After rebooting, the phone will



register with DynaSky VoIP. To call a US number, just dial the area code, destination number then press #. For international calls, dial 011, followed by the country code, area code then phone number.