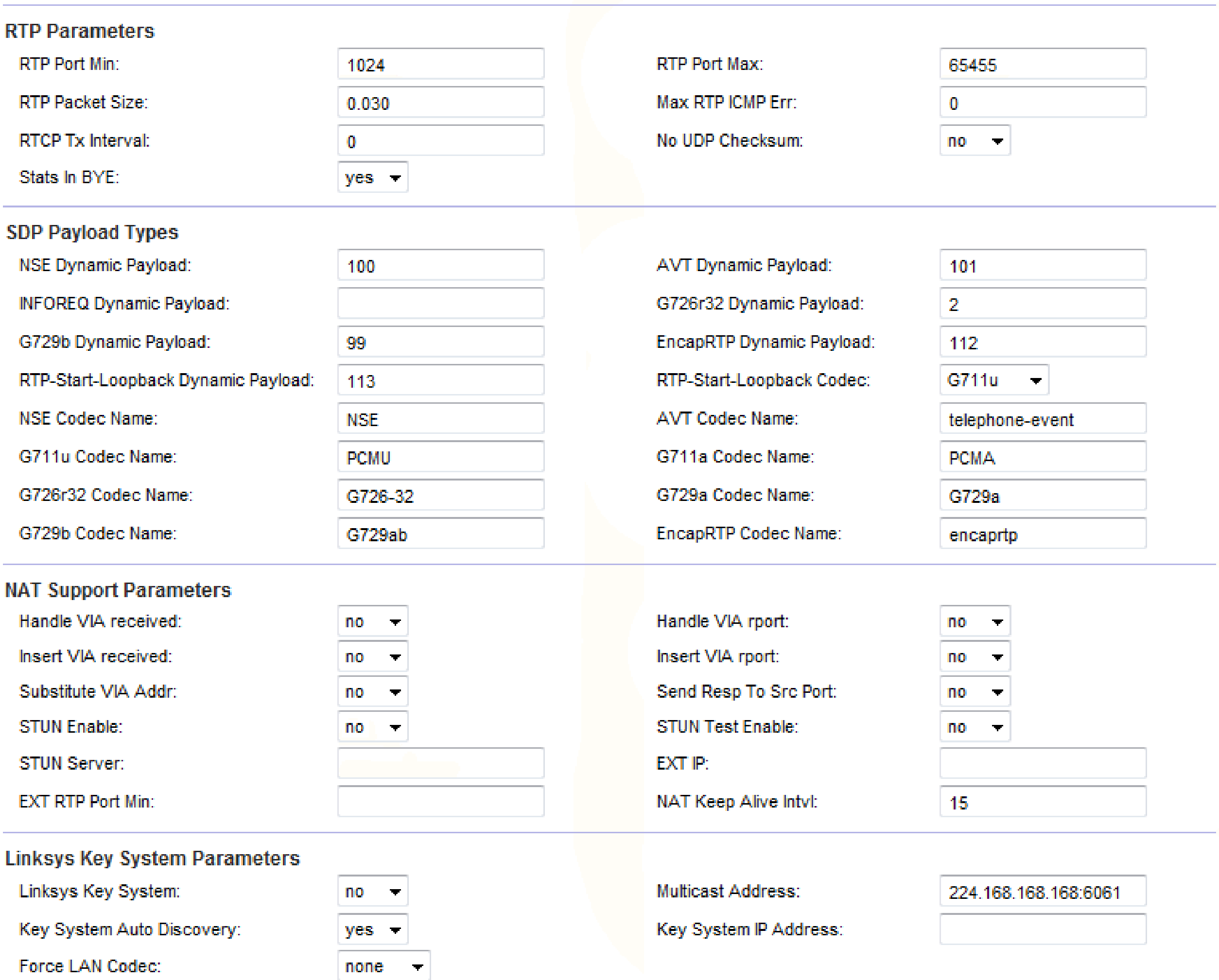
Cisco SPA112 \ Cisco SPA122

1. Setup occurs in the web interface. To log into it, enter the gateway IP address in your browser's address bar. You can find the gateway IP address by connecting a phone to it and dialing ****110#. The default username and password are both **admin**.

2. Open Voip>SIP and enter the following RTP port range:

RTP Port Min: 1024

RTP Port Max: 65455



RTP Parameters

RTP Port Min:	1024	RTP Port Max:	65455
RTP Packet Size:	0.030	Max RTP ICMP Err:	0
RTCP Tx Interval:	0	No UDP Checksum:	no
Stats In BYE:	yes		

SDP Payload Types

NSE Dynamic Payload:	100	AVT Dynamic Payload:	101
INFOREQ Dynamic Payload:		G726r32 Dynamic Payload:	2
G729b Dynamic Payload:	99	EncapRTP Dynamic Payload:	112
RTP-Start-Loopback Dynamic Payload:	113	RTP-Start-Loopback Codec:	G711u
NSE Codec Name:	NSE	AVT Codec Name:	telephone-event
G711u Codec Name:	PCMU	G711a Codec Name:	PCMA
G726r32 Codec Name:	G726-32	G729a Codec Name:	G729a
G729b Codec Name:	G729ab	EncapRTP Codec Name:	encaprtp

NAT Support Parameters

Handle VIA received:	no	Handle VIA rport:	no
Insert VIA received:	no	Insert VIA rport:	no
Substitute VIA Addr:	no	Send Resp To Src Port:	no
STUN Enable:	no	STUN Test Enable:	no
STUN Server:		EXT IP:	
EXT RTP Port Min:		NAT Keep Alive Intvl:	15

Linksys Key System Parameters

Linksys Key System:	no	Multicast Address:	224.168.168.168:6061
Key System Auto Discovery:	yes	Key System IP Address:	
Force LAN Codec:	none		

3. Open Voip => Line1 and enter the following information:

NAT Mapping Enable: no

NAT Keep AliveEnable: yes

Proxy: *login.smarttelplus.eu*

Register Expires: 300

Display Name: your SIP number (111111, for example) from Settings => User management

UserID: your SIP number (111111, for example) from Settings => User management

Password: your password for the SIP number from Settings => User management

Preferred Codec: G711a

Second Preferred Codec: G711u

G.729a Enable: yes

To make sure that incoming calls are transferred correctly in NPBX, list the following parameters:

DTMF Tx Method: auto

DTMF Tx Mode: normal

General

Line Enable:	yes

Streaming Audio Server (SAS)

SAS Enable:	no	SAS DLG Refresh Intvl:	30
SAS Inbound RTP Sink:			

NAT Settings

NAT Mapping Enable:	no	NAT Keep Alive Enable:	yes
NAT Keep Alive Msg:	$NOTIFY	NAT Keep Alive Dest:	$PROXY

Network Settings

SIP ToS/DiffServ Value:	0x68	SIP CoS Value:	3 [0-7]
RTP ToS/DiffServ Value:	0xb8	RTP CoS Value:	6 [0-7]
Network Jitter Level:	high	Jitter Buffer Adjustment:	yes

SIP Settings

SIP Transport:	UDP	SIP Port:	5060
SIP 100REL Enable:	no	EXT SIP Port:	
Auth Resync-Reboot:	yes	SIP Proxy-Require:	
SIP Remote-Party-ID:	yes	SIP GUID:	no
SIP Debug Option:	none	RTP Log Intvl:	0
Restrict Source IP:	no	Referor Bye Delay:	4
Refer Target Bye Delay:	0	Referee Bye Delay:	0
Refer-To Target Contact:	no	Sticky 183:	no

Proxy and Registration

Proxy:	login.smarttelplus.eu		
Outbound Proxy:			
Use Outbound Proxy:	no	Use OB Proxy In Dialog:	yes
Register:	yes	Make Call Without Reg:	no
Register Expires:	300	Ans Call Without Reg:	no
Use DNS SRV:	no	DNS SRV Auto Prefix:	no
Proxy Fallback Intvl:	3600	Proxy Redundancy Method:	Normal
Mailbox Subscribe URL:		Mailbox Subscribe Expires:	2147483647

Subscriber Information

Display Name:	111111	User ID:	111111
Password:	********	Use Auth ID:	no
Auth ID:		Resident Online Number:	

Supplementary Service Subscription

Call Waiting Serv:	no	Block CID Serv:	yes
Block ANC Serv:	yes	Dist Ring Serv:	yes
Cfwd All Serv:	yes	Cfwd Busy Serv:	yes
Cfwd No Ans Serv:	yes	Cfwd Sel Serv:	yes
Cfwd Last Serv:	yes	Block Last Serv:	yes
Accept Last Serv:	yes	DND Serv:	yes
CID Serv:	yes	CWCID Serv:	yes
Call Return Serv:	yes	Call Redial Serv:	yes
Call Back Serv:	yes	Three Way Call Serv:	yes
Three Way Conf Serv:	yes	Attn Transfer Serv:	yes
Unattn Transfer Serv:	yes	MWI Serv:	yes
VMWI Serv:	yes	Speed Dial Serv:	yes
Secure Call Serv:	yes	Referral Serv:	yes
Feature Dial Serv:	yes	Service Announcement Serv:	no

Audio Configuration

Preferred Codec:	G711a	Second Preferred Codec:	G711u
Third Preferred Codec:	Unspecified	Use Pref Codec Only:	no
G729a Enable:	yes	Silence Supp Enable:	no
G726-32 Enable:	no	Silence Threshold:	medium
FAX V21 Detect Enable:	yes	Echo Canc Enable:	yes
FAX CNG Detect Enable:	yes	FAX Passthru Codec:	G711a
FAX Codec Symmetric:	yes	DTMF Process INFO:	yes
FAX Passthru Method:	NSE	DTMF Process AVT:	yes
FAX Process NSE:	yes	DTMF Tx Method:	Auto
FAX Disable ECAN:	no	DTMF Tx Mode:	Normal
DTMF Tx Strict Hold Off Time:	70	FAX Enable T38:	no
Hook Flash Tx Method:	None	FAX T38 Redundancy:	1
FAX T38 ECM Enable:	no	FAX Tone Detect Mode:	caller or callee
Symmetric RTP:	no		

To save your changes, click **Submit**.