

## Grandstream Device Configuration

STATUS

BASIC SETTINGS

ADVANCED SETTINGS

**Admin Password:** (admin password to configure this device)

**SIP Server:** (e.g., sip.mycompany.com, or IP address)

**Outbound Proxy:** (e.g., proxy.myprovider.com, or IP address, if any)

**SIP User ID:** (the user part of an SIP address)

**Authenticate ID:** (can be identical to or different from **SIP User ID**)

**Authenticate Password:**

Name: (optional, e.g., John Doe)

**Advanced Options:**

*Preferred Vocoder:* choice 1:  
(in listed order) choice 2:  
choice 3:  
choice 4:  
choice 5:  
choice 6:  
choice 7:  
choice 8:

*G723 rate:* 6.3kbps encoding rate 5.3kbps encoding rate

*iLBC frame size:* 20ms 30ms

*iLBC payload type:* (between 96 and 127, default is 98)

*Silence Suppression:* No Yes

*Voice Frames per TX:* (up to 10/20/32/64 for G711/G726/G723/other codecs respectively)

*Layer 3 QoS:* (Diff-Serv or Precedence value)

*Layer 2 QoS:* 802.1Q/VLAN Tag 802.1p priority value (0-7)

*Use DNS SRV:* No Yes

*User ID is phone number:* No Yes

*SIP Registration:* Yes No

**Unregister On Reboot:** Yes No

*Register Expiration:* (in minutes. default 1 hour, max 45 days)

*Early Dial:* No Yes (use "Yes" only if proxy supports 484 response)

*Dial Plan Prefix:* (this prefix string is added to each dialed number)

*No Key Entry Timeout:* (in seconds, default is 4 seconds)

*Use # as Dial Key:* No Yes (if set to Yes, "#" will function as the "(Re-)Dial" key)

*local SIP port:* (default 5060)

<i>local RTP port:</i>	(1024-65535, default 5004)		
<i>Use random port:</i>	No	Yes	
<i>NAT Traversal:</i>	No		
	Yes, STUN server is: (URI or IP:port)		
<i>keep-alive interval:</i>	(in seconds, default 20 seconds)		
<i>Use NAT IP</i>	(if specified, this IP address is used in SIP/SDP message)		
<i>Proxy-Require:</i>	(if specified, the content will appear in Proxy-Require header)		
<i>TFTP Upgrade Server:</i>	.	.	(for remote software upgrade and configuration)
<i>HTTP Upgrade Server:</i>	(IP address or URL)		
<b>Auto Upgrade:</b>	No	Yes, check for new firmware every days (default 7 days)	
<i>Voice Mail UserID:</i>	(User ID/extension for 3rd party voice mail system)		
<i>SUBSCRIBE for MWI:</i>	No, do not send SUBSCRIBE for Message Waiting Indication Yes, send periodical SUBSCRIBE for Message Waiting Indication		
<i>Auto Answer:</i>	No	Yes	
<i>Offhook Auto-Dial:</i>	(User ID/extension to dial automatically when offhook)		
<i>Enable Call Features:</i>	No	Yes (if Yes, Call Forwarding & Call-Waiting-Disable are supported locally)	
<i>Disable Call-Waiting:</i>	No	Yes	
<i>Send DTMF:</i>	in-audio	via RTP (RFC2833)	via SIP INFO
<i>DTMF Payload Type:</i>			
<i>Send Flash Event:</i>	No	Yes (Flash will be sent as a DTMF event if set to Yes)	
<i>NTP Server:</i>	(URI or IP address)		
<b>Time Zone:</b>			
<i>Date Display Format:</i>	Year-Month-Day Month-Day-Year Day-Month-Year		
<i>Daylight Savings Time:</i>	No	Yes (if set to Yes, display time will be 1 hour ahead of normal time)	
<i>Default Ring Tone:</i>	system ring tone custom ring tone 1, used if incoming caller ID is custom ring tone 2, used if incoming caller ID is custom ring tone 3, used if incoming caller ID is		
<i>Send Anonymous:</i>	No	Yes (caller ID will be blocked if set to Yes)	
<i>Lock keypad update:</i>	No	Yes (configuration update via keypad is disabled if set to Yes)	