

Grandstream Device Configuration

STATUS

BASIC SETTINGS

ADVANCED SETTINGS

FXS PORT

Account Active: No Yes

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

Failover SIP Server: (Optional, used when primary server no response)

Prefer Primary SIP Server: No Yes (yes - will register to Primary Server if Failover registration expires)

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

Allow DHCP Option 120(override SIP server): No Yes

SIP Transport: UDP TCP TLS (default is UDP)

NAT Traversal: No Keep-Alive STUN UPnP

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

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

Authenticate Password: (purposely not displayed for security protection)

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

DNS Mode: A Record SRV NAPTR/SRV

Tel URI:

SIP Registration: No Yes

Unregister On Reboot: No Yes

Outgoing Call without Registration: No Yes

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

Reregister before Expiration: (in seconds. Default 0 second)

SIP Registration Failure Retry Wait Time: (in seconds. Between 1-3600, default is 20)

Layer 3 QoS: SIP DSCP (Diff-Serv value in decimal, default 24)

RTP DSCP (Diff-Serv value in decimal, default 46)

Local SIP port: (default is 5060 for UDP and TCP; 5061 for TLS)

Local RTP port: (even number between 1024-65535, default 5004)

Use Random SIP Port: No Yes

Use Random RTP Port: No Yes

Refer-To Use Target Contact: No Yes

Transfer on Conference Hangup: No Yes

Disable Bellcore Style 3-Way Conference: No Yes (Using star code *23 for 3-way conference)

Remove OBP from Route Header: No Yes

Support SIP Instance ID: No Yes

Validate Incoming SIP Message: No Yes

Check SIP User ID for incoming INVITE: No Yes (no direct IP calling if Yes)

Authenticate incoming INVITE: No Yes

Allow Incoming SIP Messages from SIP Proxy Only: No Yes (no direct IP calling if Yes)

Use Privacy Header: Default No Yes

Use P-Preferred-Identity Header: Default No Yes

SIP REGISTER Contact Header Uses: LAN Address WAN Address

SIP T1 Timeout: 0.5 sec ▼

SIP T2 Interval: 4 sec ▼

SIP Timer D: 0 (0 - 64 seconds. Default 0)

DTMF Payload Type: 101

Preferred DTMF method: Priority 1: RFC2833 ▼

(in listed order) Priority 2: SIP INFO ▼

Priority 3: In-audio ▼

Disable DTMF Negotiation: No (negotiate with peer) Yes (use above DTMF order without negotiation)

Generate Continuous RFC2833 Events: No Yes (RFC2833 events are generated until key is released)

Send Hook Flash Event: No Yes (Hook Flash will be sent as a DTMF event if set to Yes)

Enable Call Features: No Yes (if Yes, call features using star codes will be supported locally)

Offhook Auto-Dial: (User ID/extension to dial automatically when offhook)

Offhook Auto-Dial Delay: 0 (0-60 seconds, default is 0)

Proxy-Require:

Use NAT IP: (used in SIP/SDP message if specified)

Use SIP User-Agent Header:

Distinctive Ring Tone: Ring Tone 1 ▼ used if incoming caller ID is
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Disable Call-Waiting: No Yes

Disable Call-Waiting Caller ID: No Yes

Disable Call-Waiting Tone: No Yes

Disable Receiver Offhook Tone: No Yes (ROH tone will not be played after offhook for 60 seconds)

Disable Reminder Ring for On-Hold Call: No Yes

Disable Visual MWI: No Yes

Do Not Escape '#' as %23 in SIP URI: No Yes

Disable Multiple m line in SDP: No Yes

Ring Timeout: 60 (10-300, default is 60 seconds)

Delayed Call Forward Wait Time: 20 (Allowed range 1-120, in seconds.)

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

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

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

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

Dial Plan: { x+ | *x+ | *xx*x+ }

SUBSCRIBE for MWI: No, do not send SUBSCRIBE for Message Waiting Indication
 Yes, send periodical SUBSCRIBE for Message Waiting Indication

Send Anonymous: No Yes (caller ID will be blocked if set to Yes)

Anonymous Call Rejection: No Yes

Special Feature: Standard ▼

Session Expiration: 180 (in seconds. default 180 seconds)

Min-SE: 90 (in seconds. default and minimum 90 seconds)

Caller Request Timer: No Yes (Request for timer when making outbound calls)

Callee Request Timer: No Yes (When caller supports timer but did not request one)
Force Timer: No Yes (Use timer even when remote party does not support)
UAC Specify Refresher: UAC UAS Omit (Recommended)
UAS Specify Refresher: UAC UAS (When UAC did not specify refresher tag)
Force INVITE: No Yes (Always refresh with INVITE instead of UPDATE)
Enable 100rel: No Yes
Add Auth Header On Initial REGISTER: No Yes

Use First Matching Vocoder in 200OK SDP: No Yes

Preferred Vocoder: choice 1: PCMU ▼
(in listed order) choice 2: PCMA ▼
choice 3: G723 ▼
choice 4: G729 ▼
choice 5: G726-32 ▼
choice 6: iLBC ▼

Voice Frames per TX:

G723 Rate: 6.3kbps encoding rate 5.3kbps encoding rate

iLBC Frame Size: 20ms 30ms

iLBC Payload Type: (between 96 and 127, default is 97)

VAD: No Yes

Symmetric RTP: No Yes

Fax Mode: T.38 Pass-Through

Re-INVITE After Fax Tone Detected: Enabled Disabled

Jitter Buffer Type: Fixed Adaptive

Jitter Buffer Length: Low Medium High

SRTP Mode: Disabled Enabled but not forced Enabled and forced

SLIC Setting: USA 1 (BELLCORE 600 ohms) ▼

Caller ID Scheme: Bellcore/Telcordia ▼

DTMF Caller ID: Start Tone Default ▼ Stop Tone Default ▼

Polarity Reversal: No Yes (reverse polarity upon call establishment and termination)

Loop Current Disconnect: No Yes (loop current disconnect upon call termination)

Loop Current Disconnect Duration: (100 - 10000 milliseconds. Default 200 milliseconds)

Enable Hook Flash: No Yes

Hook Flash Timing: In 40-2000 milliseconds range, minimum: maximum:

On Hook Timing: (In 40-2000 milliseconds range, default is 400)

Gain: TX 0dB default ▼ RX -6dB default ▼

Disable Line Echo Canceller (LEC): No Yes

Disable Network Echo Suppressor: No Yes

Outgoing Call Duration Limit: (0-180 minutes, default is 0 (No Limit))

Ring Frequency: (15-60 Hz, default is 20 Hz)

Enable High Ring Power: No Yes

Ring Tones (Syntax: c=on1/off1-on2/off2-on3/off3;)

Ring Tone 1:

Ring Tone 2:

Ring Tone 3:

Ring Tone 4:

Ring Tone 5:

Ring Tone 6:

Ring Tone 7:

Ring Tone 8:

Ring Tone 9:

Ring Tone 10:

Update

Apply

Cancel

Reboot