

# Grandstream Networks, Inc.

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## Grandstream Device Webex Configuration Guide

### GDS37xx/GSC36xx



**webex**  
by **CISCO**



**GSC3615**



**GSC3610/GSC3620**



**GDS3710**



**GDS3705**



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## OVERVIEW

Grandstream GDS37xx and GSC36xx devices are compatible with Webex and can be configured for Cisco Webex calling.

Grandstream SIP devices can be configured via Web Interface as well as via Configuration File through HTTPS/HTTP or TFTP download. All Grandstream SIP devices accept configuration files in XML format. The XML provisioning implementation allows a MAC-based configuration file as well as a generic XML configuration file. For details on XML provisioning, please refer to Grandstream SIP Device Provisioning Guide at:

[https://www.grandstream.com/hubfs/Product\\_Documentation/gs\\_provisioning\\_guide.pdf](https://www.grandstream.com/hubfs/Product_Documentation/gs_provisioning_guide.pdf)

This document serves as a configuration guide on Grandstream GDS37xx and GSC36xx for Cisco Webex calling. A list of must-have configuration options is illustrated in screenshot examples. GDS37xx and GSC36xx have similar web UI layout and configuration options. We will use GDS3710 screenshot examples to show the configuration options needed for Cisco Webex calling.

## PREREQUISITES

The GDS37xx/GSC36xx installation steps are not covered in this guide.

Please refer to GDS37xx and GSC36xx Quick Installation Guides to correctly install your devices.

The following table provides the GDS37xx/GSC36xx Quick Installation Guides :

**Table 1: Devices Quick Installation Guide**

Device	Quick Installation Guide
<b>GDS3710</b>	<a href="https://www.grandstream.com/hubfs/Product_Documentation/GDS3710_QIG.pdf">https://www.grandstream.com/hubfs/Product_Documentation/GDS3710_QIG.pdf</a>
<b>GDS3705</b>	<a href="https://www.grandstream.com/hubfs/Product_Documentation/GDS3705_QIG.pdf">https://www.grandstream.com/hubfs/Product_Documentation/GDS3705_QIG.pdf</a>
<b>GSC3610</b>	<a href="https://www.grandstream.com/hubfs/Product_Documentation/GSC3610_QIG.pdf">https://www.grandstream.com/hubfs/Product_Documentation/GSC3610_QIG.pdf</a>
<b>GSC3615</b>	<a href="https://www.grandstream.com/hubfs/Product_Documentation/GSC3615_QIG.pdf">https://www.grandstream.com/hubfs/Product_Documentation/GSC3615_QIG.pdf</a>
<b>GSC3620</b>	<a href="https://www.grandstream.com/hubfs/Product_Documentation/GSC3620_QIG.pdf">https://www.grandstream.com/hubfs/Product_Documentation/GSC3620_QIG.pdf</a>

The following table shows the firmware version supported on GDS37xx/GSC36xx for Cisco Webex Calling:

**Table 2: Devices Firmware**

Device	Firmware
<b>GDS3710</b>	1.0.9.9+
<b>GDS3705</b>	1.0.1.19+
<b>GSC3610/GSC3615</b>	1.0.3.8+
<b>GSC3620</b>	1.0.7.6+



# GDS3710 CONFIGURATION

After GDS3710 QIG configuration Steps 1-7, users can access the GDS3710 web UI to configure the following options for Cisco Webex Calling:

## 1. Door System Settings → Basic Settings

Call Mode	SIP Number
Doorbell Call Out Account	Account 1
Doorbell Mode	Call Doorbell Number

**Figure 1: Basic Settings I**

Disable Auto Answer	<input checked="" type="checkbox"/>
Enable Doorbell Button to Hang Up Call	<input checked="" type="checkbox"/>

**Figure 2: Basic Settings II**

The following table lists the required settings:

**Table 3: Account Settings**

Options	Webex Calling Compatible Values
<b>Call Mode</b>	Select "SIP Number" <i>To use the real SIP number when calling</i>
<b>Doorbell Call Out Account</b>	Select "Account 1" <i>To specify the account to use for calling</i>
<b>Doorbell Mode</b>	Select "Call Doorbell Number". <i>When the doorbell button is pressed, a call will be made to the specified number(s) in the "Number Called When Doorbell Pressed"</i>
<b>Disable Auto Answer</b>	Check this option. <i>GDS37xx will not answer incoming calls automatically; users can press any key</i>
<b>Enable Doorbell Button to Hang up Call</b>	Check this option <i>This will allow the users to hang up an active call by pressing the doorbell button.</i>



## 2. Account → Account 1

### a. SIP Basic Settings

**SIP Basic Settings**

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Account Active	<input checked="" type="checkbox"/>
SIP Server	<input type="text" value="64941297.int10.bclid.webex.com"/>
Secondary SIP Server	<input type="text"/>
Outbound Proxy	<input type="text" value="hs17.hosted-int.bclid.webex.com"/>
Backup Outbound Proxy	<input type="text"/>
DNS Mode	<input style="border-bottom: none; border-top: none; border-left: none; border-right: none; width: 100%;" type="text" value="SRV"/> <span style="float: right;">▼</span>
SIP User ID	<input type="text" value="shc9fk3t9h"/>
Authentication ID	<input type="text" value="825"/>
Password	<input type="password" value="....."/>

**Figure 3: Account Settings**

The following table lists the required settings:

**Table 4: Account Settings**

Options	Webex Calling Compatible Values
<b>SIP Server</b>	Enter the Webex domain
<b>Outbound Proxy</b>	Enter the SBC domain
<b>DNS Mode</b>	Set it to "SRV"
<b>SIP User ID</b>	Enter Webex Line ID without the domain
<b>Authentication ID</b>	Enter Webex SIP Username
<b>Password</b>	Enter Webex SIP Password



## b. SIP Advanced Settings

SIP Advanced Settings	
Registration Expiration(m)	<input type="text" value="60"/>
Re-register before Expiration(s)	<input type="text" value="0"/>
Local SIP Port	<input type="text" value="5060"/>
SIP Transport	<input type="text" value="TLS/TCP"/>
Stream	<input type="text" value="Stream 2"/>
Enable DTMF	<input checked="" type="checkbox"/> RFC2833 <input type="checkbox"/> SIP INFO
DTMF Payload Type	<input type="text" value="101"/>
Unregister On Reboot	<input type="checkbox"/>
NAT Traversal	<input type="text" value="No"/>
UPnP NAT Traversal	<input type="checkbox"/>
Enable SRTP	<input type="text" value="Enable but Not Forced"/>
Special Feature	<input type="text" value="Broadsoft"/>
Outbound Proxy Mode	<input type="text" value="In Route"/>
Enable RTCP	<input type="text" value="Disabled"/>
H.264 Payload Type	<input type="text" value="99"/>
Accept Incoming SIP from Proxy Only	<input type="checkbox"/>
Add MAC in User-Agent	<input type="text" value="No"/>
Enable RFC6184	<input checked="" type="checkbox"/>
SIP URI Scheme When Using TLS	<input type="text" value="sip"/>
Support SIP Instance ID	<input type="checkbox"/>

**Figure 4: SIP Advanced Settings**

The following table lists the required settings:



**Table 5: SIP Advanced Settings**

Options	Webex Calling Compatible Values
SIP Transport	Select "TLS/TCP"
Enable SRTP	Select "Enabled but Not Forced"
Special Feature	Select "BroadSoft"
SIP URI Scheme When Using TLS	Select "sip"
Support SIP Instance ID	Uncheck this option

### 3. Phone Settings

#### Phone Settings

STUN Server	<input style="width: 100%;" type="text"/>
Local RTP Port	<input style="width: 100%;" type="text" value="5004"/>
Use Random Port	<input type="checkbox"/>
Auto On-Hook Timer(s)	<input style="width: 100%;" type="text" value="300"/>
Ringing Timeout(s)	<input style="width: 100%;" type="text" value="30"/>

  

Enable Direct IP Call	<input checked="" type="checkbox"/>
Enable two-way SIP Calling	<input type="checkbox"/>
SIP Proxy Compatibility Mode	<input checked="" type="checkbox"/>
SIP Packetization Compatibility Mode	<input checked="" type="checkbox"/>
Enable Multi-channel Call Mode	<input type="checkbox"/>
Allow Reset Via SIP NOTIFY	<input type="checkbox"/>

**Figure 5: Phone Settings**

The following table lists the required settings:

**Table 6: Phone Settings**

Options	Webex Calling Compatible Values
SIP Proxy Compatibility Mode	Check this option to enable it
SIP Packetization Compatibility Mode	Check this option to enable it





**Note:**

For more information about GDS37xx/GSC36xx configurations and usage, please refer to the product web pages here:

<https://www.grandstream.com/products/facility-management/facility-access-systems>

<https://www.grandstream.com/products/facility-management/full-hd-ip-cameras>