

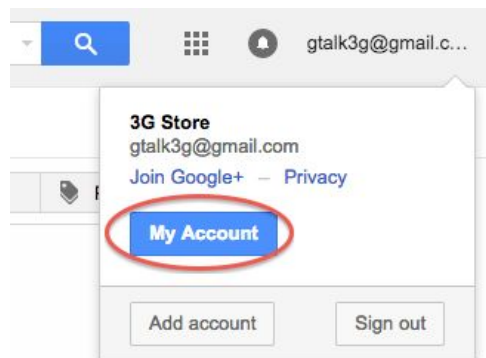
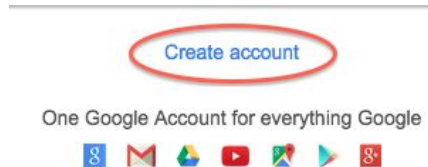
### **Remote Power IP Switch (Dual Outlets) - Google Talk Setup**

Due to compatibility, we suggest ensuring your IP Switch is running firmware version [2.40.MNS.NBU.5106](http://3gstore.com/ipswitchupdates), or newer. This firmware, as well as the Utility software needed to upload it, can be downloaded at <http://3gstore.com/ipswitchupdates> or by logging into your 3Gstore account at <http://3gstore.com/support>, which is where you can also find our “*IP Switch Firmware Upgrade Steps*” tip sheet.

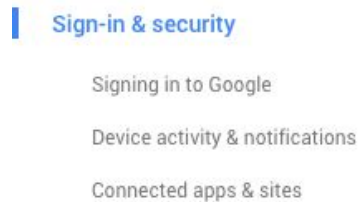
#### **Step Procedures:**

##### **Creating a Gmail Account to be used by the IP Switch**

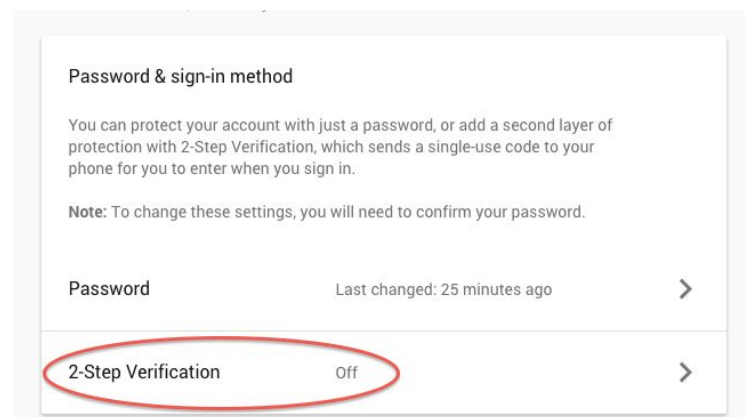
1. Go to <http://gmail.com> and select **Create Account**
2. For this tip sheet we have created [gtalk3g@gmail.com](mailto:gtalk3g@gmail.com)
3. Once you log into your new account, you'll need to confirm some settings
4. Click on the email account at the top right and a window will pop out
5. Click the “**My Account**” button



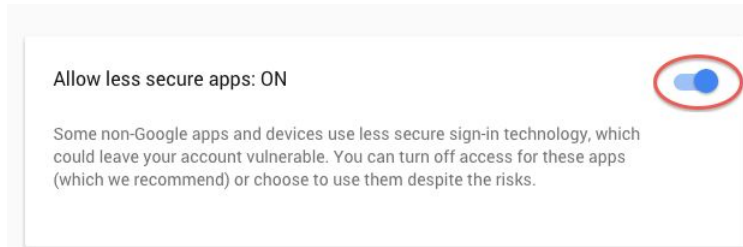
6. A new window will open showing your Account settings
7. Select “**Sign-in & Security**” on the left



8. Scroll down to the “**Signing in to Google**” section
9. Confirm that **2-step Verification** is **Off\*\***
10. Click “**Connected apps & sites**” on the left



11. Scroll down to the “**Allow less secure apps**” section and turn it **ON**

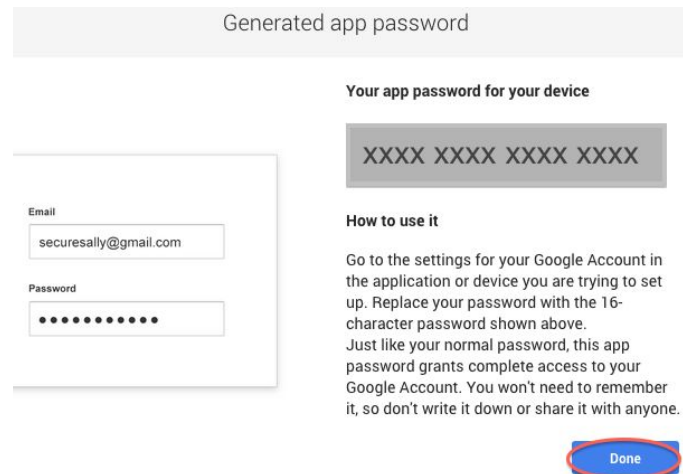
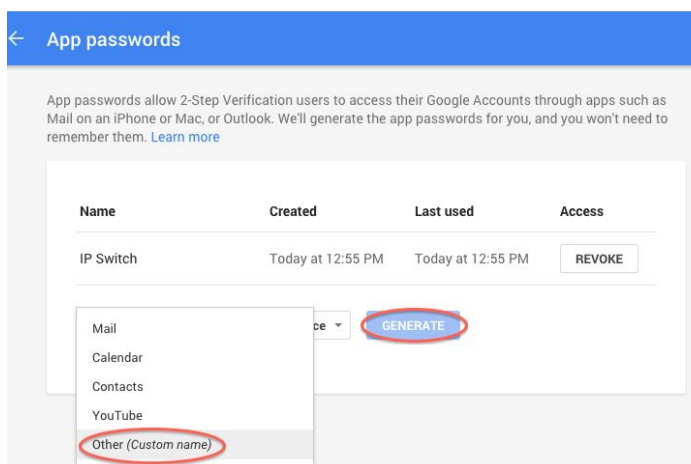
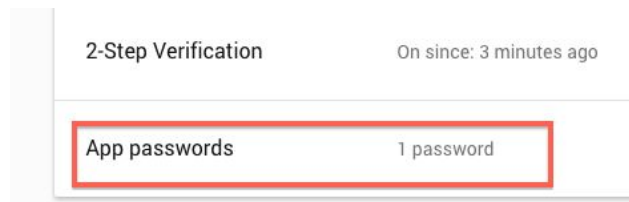


12. You may now close the **My Account** window and sign out of on the Gmail Inbox page

**Step Procedures with 2-Step Verification:**

\*\*If you prefer to have 2-step Verification turned ON, skip steps 9-11 above and continue with the additional steps below:

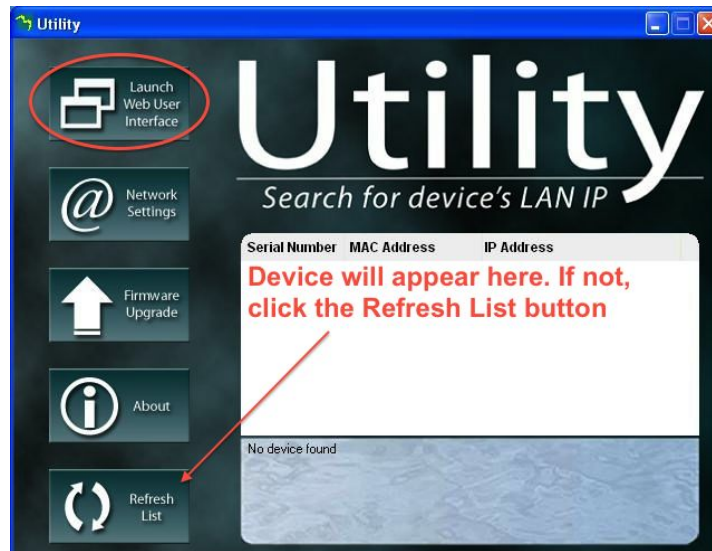
1. Scroll down to the “**Password & Sign-In Method**” section and select “**2-step Verification**”
2. Google will walk you through the steps to add a cell phone number for verification. It will send a code you will need to enter into the Gmail browser to **verify**. Once this is done, it should show 2-step Verification is **ON**.
3. Next, go back to the “**My Account**” -> “**Password & Sign-In Method**” section of Gmail
4. You’ll see a new field below 2-step Verification called “**App Passwords**”, click on this
5. Click “**Select Device**” and choose “**Other (Custom Name)**”
6. Give it a unique name to identify it, here we’ve used “**IP Switch**”
7. Click “**Generate**”
8. Copy/ write the App password down (*pictured, below right*), as you will need it to enter into the IP Switch later, then click “**Done**”



## Applying settings to your IP Switch

**\*NOTE:** Steps must be done at the same location, on the same local network, as the IP Switch.

1. Use the **Utility** software to locate your IP switch on the network, then click “**Launch Web User Interface**” on the left - OR - enter the local IP address for the IP Switch into your browser (*this can be obtained via your router’s client list or a LAN scan application such as LANscan for MAC, or Angry IP Scanner for Windows*)



2. Log in when prompted (default username: admin; default password is left blank)
3. Under the ‘**Configuration Settings**’ section on the left click ‘**Google Talk**’
4. Under ‘**Status**’ at the top left of this page, select ‘**Online**’
5. For the ‘**Login ID**’ enter the Gmail Account you just created (i.e. [gtalk3g@gmail.com](mailto:gtalk3g@gmail.com) ). This again will act as the IP Switch account.
6. Across from the **Login ID** is where you will enter the **password/ APP password** associated with this new account. (*see step 8 in the 2-step Verification procedure above*)
7. Next, provide a personal message for the Switch to use. Here, we’ve used **IP Switch**
8. Under the ‘**Add Contact Accounts**’ enter your personal Gmail address (or create a new one if necessary). This will be used to control the switch. *In our example we’ll be using [3gstoretestemail@gmail.com](mailto:3gstoretestemail@gmail.com)*
9. Click ‘**Apply**’ at the bottom right corner of the web page. A pop up should come up indicating that the settings have been applied - click **OK**
10. After a moment the Switch should indicate that it it has Signed In and is Online
11. Click “**Send test message**” - this will prompt the IP Switch account to send an **Invitation to Chat/ test message** to the control account

Information  
Status

Current Status

Configuration  
Settings

Configuration  
Schedule  
Network  
E-mail

3 Account  
Google Talk  
System Time  
Language

Logs  
Data

Event Log

Help

System Status  
Save / Restore

Google Talk Account - Signed In / Online

4 Status [help]  
Online

Login ID  
gtalk3g@gmail.com 5

Password  
..... 6

Show a Personal Message for Account  
IP Switch 7

Add Contact Accounts [help]

3gstoretestemail@gmail.com 8

11 Send test message

9 Apply Reset

12. Log into the **control** Gmail account through a web browser
13. Once logged in, take a look at the bottom left corner - this is where your chat history, including your chat contacts, is located.
14. Select the IP Switch Account name and you should get a pop up window in the bottom right corner of the browser.
15. Click **“Accept”** to accept the chat invitation. Once accepted, you’ll be able to start sending commands\* to your Switch.

Google

Gmail

COMPOSE

Inbox  
Starred  
Sent Mail  
Drafts  
More

3G Store  
Sent a message

Primary Social Promotions

Google Your account settings in one place at My Account - Controls to protect and secure y Jun 8

Google Suspicious sign in prevented - 3G Store Hi 3G, Someone recently used your passw May 8

Google Suspicious sign in prevented - 3G Store Hi 3G, Someone

Google Google Account: access for less secure apps has been e

Google Google Account: sign-in attempt blocked - 3G Store Hi 3G

me CradlePoint Alert: Test Email - This email was sent to ver

0 GB (0%) of 15 GB used  
Manage

Terms - Privacy

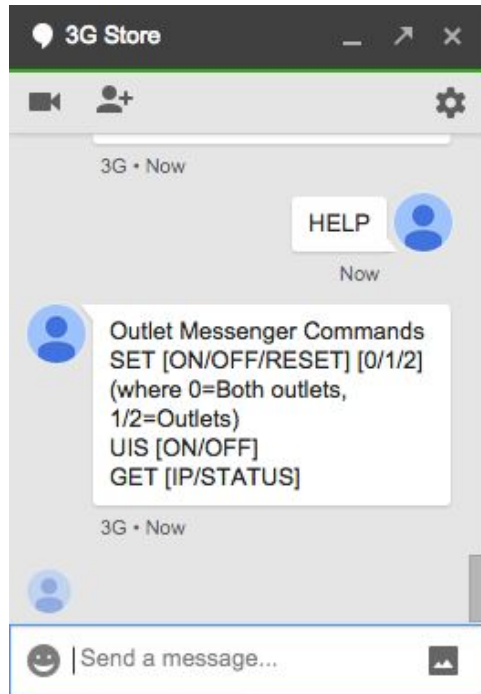
New Hangout invite

3G Store

Ignore Accept

**\*The Commands you will be able to send via Chat are:**

Note: **0/1/2** = Variables are for specified power outlets 1, 2, or 0 for both ports



**SET ON 0/1/2** - This turns On the Power to the specified port(s)

**SET OFF 0/1/2** - This turns off the power to the specified port(s)

**SET RESET 0/1/2** – This resets/power-cycles the specific port(s)

**GET IP** – Retrieves current public (WAN) IP address and local (LAN) IP Addresses

**GET STATUS** – Retrieves current status information. Includes current ping times to all five target sites, and indicates if port 1 or 2 are on/off

**HELP** - provides a list of available commands

**Troubleshooting:**

If you receive an error when trying to get your IP Switch Gmail account/ Login ID signed in (i.e. errors #501 or #20512), please try the following:

1. Log into the Gmail account through a web browser and confirm there is no 2-step verification set - OR, if it is, that you have the proper **App Password** entered. If you are NOT using 2-step verification, you will also need to confirm the “**Allow Less Secure Apps**” option is turned **ON**. These are both found under the “**My Account**” section of Gmail.
2. Wait at least 5 minutes while the Switch tries to Sign In. It will go back and forth between signing in and showing the connection error - sometimes we’ve seen this process take longer than a minute.
3. Turn the **Status** on the Google Talk Settings to **Offline** then click **Apply**. Log into the Gmail account through a web browser and turn the “**Allow Less Secure Apps**” option **OFF**, then sign out of the account. Next, sign right back in and turn the “**Allow Less Secure Apps**” option back **ON**. Sign out of the browser. Lastly, go back to the Google Talk settings on your Switch and change the **Status** to **Online**. Click **Apply**. Wait a few minutes while the Switch tries to connect.
4. If you’re still not getting the sign in or chats to work, some users have had success reloading the previous firmware version. You may download that here:

[http://3gstore.com/support\\_stuff/2.40.MNS.NBU.4528.bin](http://3gstore.com/support_stuff/2.40.MNS.NBU.4528.bin)