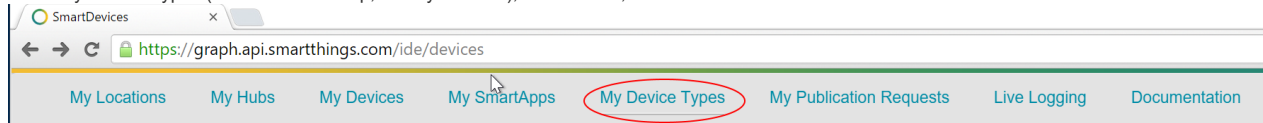


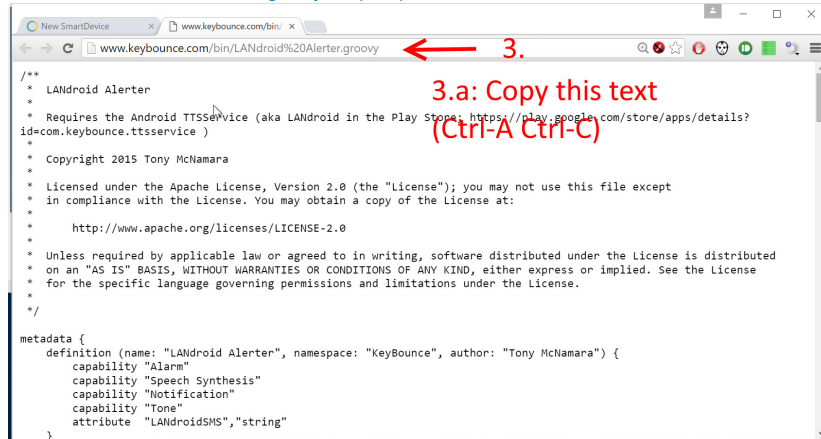
# Installing LANDroid/LANnouncer into SmartThings

This document assumes you have read the main page and have [downloaded and installed](#) LANnouncer onto your Android device.

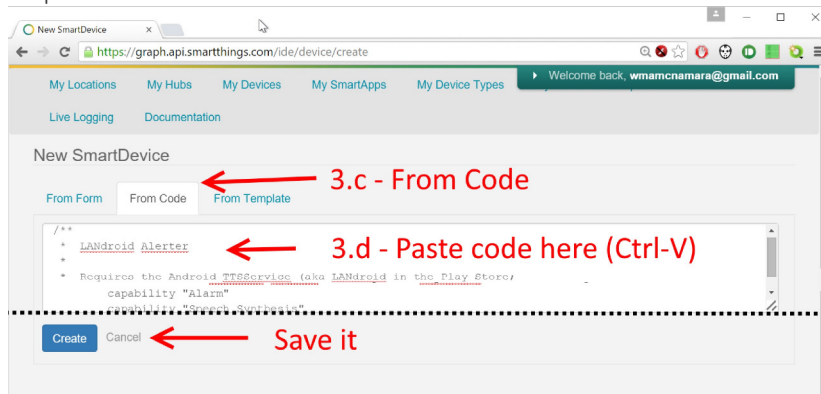
1. Log into [graph.api.smarththings.com](https://graph.api.smarththings.com)
2. Go to My Device Types (fifth over on the top, not My Devices), Create New, From Code.



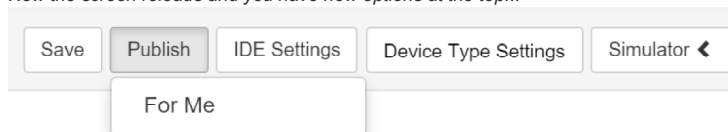
3. Download the LANDroid device groovy file (click),...



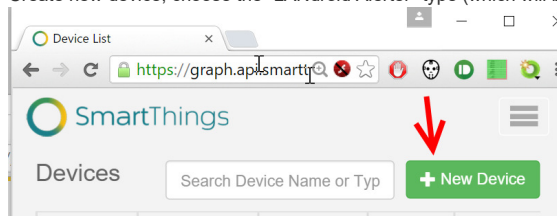
and paste it into the window for the "code"



4. Click "Create", which will save it.  
Now the screen reloads and you have new options at the top...



5. "Publish" - "For Me". (That's an actual option.)
6. In graph.api.smarththings.com, go to "My Devices" (Third over on the top, see first image.)  
Create new device, choose the "LANDroid Alserter" type (which will be at the bottom of your list)



7. Name/configure it. You can do this in either the web (since you had to create the device there anyhow) or in the Mobile App.

8. Web: Click on the device in My Devices, and edit preferences...

The screenshot shows the 'Your Device Name and Label...' configuration page. At the top, there are navigation tabs: 'My Locations', 'My Hubs', 'My Devices', 'My SmartApps', and 'My Device Types'. Below these are 'Live Logging' and 'Documentation'. The main content area has a breadcrumb trail: « Your Hub Name Location » « Living Area Group » « Device Name and Label ». There are two red arrows pointing to the 'Device Name and Label' link with the text 'Set the I.P. to match your tablet. See the web page for help on setting tablet IP.' The form includes fields for 'Android IP Address' (with a placeholder '192.168.1.Some static ip'), 'Android Port' (set to 1035), and a checkbox for 'Say Nothing - When no speech is found, announce LANdroid? (Needed for the speech and notify tiles to work)' which is currently checked. At the bottom are 'Save' and 'Cancel' buttons.

9. Or use the SmartThings mobile app for your newly created device...

The screenshot shows the 'Preferences' screen in the SmartThings mobile app. At the top is a blue header with a back arrow, 'Preferences', and a 'Done' button. Below the header is a 'Device Label' field with a red arrow pointing to it and the text 'Click here to save'. There is an 'OFF' toggle switch. The screen then prompts 'Give your device a name' with a red arrow pointing to the input field and the text 'What you want to call it'. Below this is the 'Android IP Address' field, showing '192.168.1.<the static IP matching the device -see LANnouncer>' with a red arrow pointing to it. The 'Android Port' is set to '1035'. The 'Say Nothing' toggle is turned on, with a red arrow pointing to it and the text 'You probably want this on. When on, sending an empty Speak command... as on the next screen... tells you the version number. Otherwise it won't say "nothing", so is harder to test.' At the bottom is a red 'Remove' button.

10. Sideload or install from the Play Store the LANnouncer app and configure it...

The screenshot shows the LANnouncer app configuration screen. At the top is a 'Menu...' button with a red arrow pointing to it and the text 'Settings are off this.'. The screen is titled 'Network (TCP) Listener' and has 'START LISTENER' and 'STOP SERVICES' buttons. There is a checkbox for 'Auto-Start Network Listener' which is checked. The 'Port to Listen On' is set to '1035'. The 'Reported IP Address' is '192.168.1.XXX' with a red arrow pointing to it and the text 'What Android thinks your I.P. address is.'. Below this is the 'GCM (Google Cloud Messaging)' section, with a red arrow pointing to it and the text 'Needed for IFTTT or web integration'. It shows 'Account Email: Pre-filled. Does not have to be email, but must be consistent with IFTTT.' followed by '@gmail.com'. There is a 'Disable' checkbox for GCM. The 'Device Name' is 'Samsung BlastMaster 4000' with a red arrow pointing to it and the text 'Device Name, change in System Bluetooth Settings'. Below this is the 'SMS Listener' section, with a red arrow pointing to it and the text 'Where Android tells LANnouncer to put your images. Not configurable.'. It has a 'Disable' checkbox and a 'Media Folder' path. There are 'TAKE PICTURE' and 'TAKE VIDEO' buttons with a red arrow pointing to them and the text 'Test buttons. You can also use curl.'. At the bottom is a log of events: '08:14:34: Retrieve image from camera AMCREST', '08:15:22: Retrieve image from camera AMCREST', '08:16:51: Take Picture', and '08:17:46: Take Picture' with a red arrow pointing to it and the text 'Running log of the calls made. Generally ignorable.'.

11. Don't forget the volumes...

The screenshot shows the 'Audio Volumes' settings screen. At the top is a back arrow and 'Audio Volumes'. The screen is divided into two columns. The left column has a list of volume settings: 'Audio Volumes', 'Camera & Picture', 'Volume setting for Alarm', 'Disable Alarm when Silent', 'Volume setting for Chime', 'Disable Chime when Silent', 'Volume Setting for Text To Speech', and 'Disable Voice when Silent'. A red arrow points to 'Camera & Picture' with the text 'Camera not implemented fully yet; stay tuned for exciting announcements!'. The right column shows the settings for each: 'Volume setting for Alarm' (set to Loud, with a red arrow pointing to the 'Loud' text and the text 'Choose volume from Loud to Quiet by clicking this area'), 'Disable Alarm when Silent' (set to false, with a red arrow pointing to the toggle and the text 'When on (true), prevents LANnouncer from making sounds when the ringer is disabled.'), 'Volume setting for Chime' (set to Loud, with a red arrow pointing to the 'Loud' text and the text 'This is best left as off (false) for tablets, because they're ALWAYS in silent ringtone mode.'), 'Disable Chime when Silent' (set to false, with a red arrow pointing to the toggle), 'Volume Setting for Text To Speech', and 'Disable Voice when Silent' (set to true, with a red arrow pointing to the toggle).

12. Camera Settings...

← Camera & Picture

🔊 Audio Volumes

📷 Camera & Picture

Use Front Camera  
true **Currently not functional**

Upload images/videos to Dropbox?  
true **Turn on to have LANnouncer copy any videos/photos it takes to your DropBox in /Apps/LANnouncer.**

RemCam 1 Name  
AmCrest **Give your camera whatever name you want**

RemCam 1 Address  
http://192.168.1.xx:80 **I.P. on your LAN**

RemCam 1 Path  
cgi-bin/snapshot.cgi **Path to the camera snapshot**

RemCam 1 Needs Auth  
true

RemCam 1 User  
**Your camera user-name**

RemCam 1 Password  
**Your camera password**

RemCam 2 Name

RemCam 2 Address

RemCam 2 Path

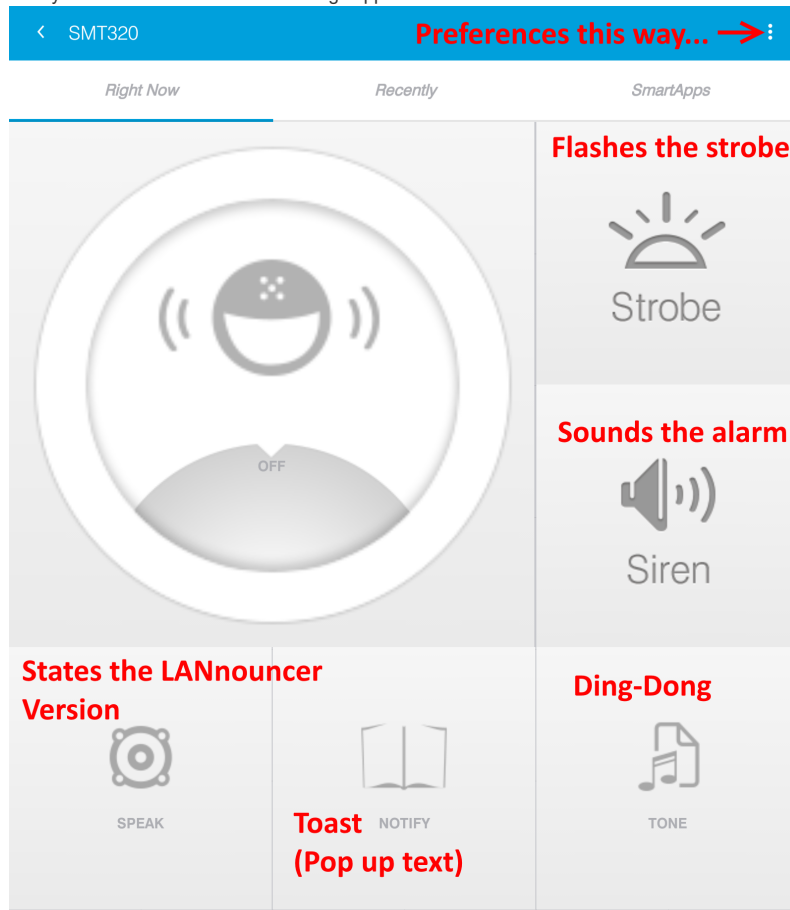
RemCam 2 Needs Auth  
false

RemCam 2 User

RemCam 2 Password

Picture size to return to socket call.  
**This is ignored; the value has been tuned for SmartThings, which is about 29KB.**

13. Now you can test it from the SmartThings app...



14. That's all you need for a LAN-connected device (e.g. local tablet), but if you want to receive chimes, alarms or speech on your cell phone when away from the house, use similar processes to install the SmartApp

15. Tell BigTalker to use this device in the events. For example, for...

- Big Talker
- Configure Events
- Contact

here is my configuration.

< Big Talker Done

Configure talk on contact sensor

Contact Group 1

Contact sensor(s)

Front Door **Name of contact sensor** +

---

Say this when opened:

%devicename% is now %devicechange% **Big Talker plugs in the tags**

---

Say this when closed:

%devicename% is now %devicechange%

---

Talk with these text-to-speech devices (overrides default)

SMT320 **The LANDroid device we created...** +

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Contact Group 2 **(LANnouncer must be running on it)**

Contact sensor(s)

Front Door **Same sensor again** +

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Say this when opened:

@#ALARM=CHIME **Secret code from the web page to tell it to Ding-Dong via SMS, using the SmartApp.**

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Say this when closed:

Tap to set

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Talk with these text-to-speech devices (overrides default)

HTC-LAN **LANDroid device with LANDroid, via SmartApp** +

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You can see the [Additional Commands section](#) of the main page for those secret codes.

It sounds like a lot of steps, but it's really pretty quick. Sort-of like checking your gmail - turn computer on, log into computer, open start menu, select web browser, go to gmail.com, enter user id, enter password, click enter. Eight steps to get to gmail, which you think of as "open gmail".