Step 1: Activate Your Ethernet Tag Manager

For Android devices, install our Android app from Google Play by searching "WirelessTag", follow this direct link, or download the APK file directly. For web access on PC/Mac, go to Web App Login.

Use the 12 digit serial numbers on your Ethernet Tag Manager to create a login. Keep the serial number in a safe place.

Login Create an Account	Create an Account	S Create an Account
Email:	Create an account for accessing your Tag Manager*	Create an account for accessing your Tag Manager*
	Tag Manager Serial Number:	Tag Manager Serial Number:
Password:		3
	Name this manager (e.g. Home):	Name this manager (e.g. Home):
Login Scancel		IrvineDemo
Paceword Recovery	Create a User Account for this Tag Manager	Create a User Account for this Tag Manager
	Email:	Email:
🕈 Facebook Login		eth@gmail.com
	Choose a Password:	Choose a Password:
		···· Ø
	Retype the Password:	Retype the Password:
		····
	Allow creating more accounts to access this Tag Manager	Allow creating more accounts to access this Tag Manager
	Create Login to an existing account	Create Login to an existing account
	*: To add a second tag manager under the same account, from the Web interface click "Settings" then "Account" or use this direct link if you have already logged in.	*: To add a second tag manager under the same account, from the Web.interface click "Settings" then "Account" or use <u>this direct link</u> if you have already logged in.
	Wireless Tag List	Wireless Tag List

In the login screen, click "Create an Account" button.

Fill in the serial number (case insensitive), login email (used to recover password), and choose a password.

Click "Create" button to create an account. Uncheck "Allow creating more accounts..." unless you plan to create multiple logins to access the same Tag Manager.

Step 2: Associate New Wireless Sensor Tags

Follow this step to associate each new Tags with the Tag Manager. For water/moisture sensors, please activate by shorting the tip using a metal object (scraping the tip using a coin, for example) or dipping the tip into water. A red light should start flashing on the sensor every few seconds for about 2 minutes, before the sensor goes into sleep again. Search & associate like other tags while the light is flashing.



First time when the app is launched, it may ask for the name to use to identify current device to enable/disable push notification later. Click "OK" and click the "+ Associate" button at the upper left corner.



An unassociated tag periodically broadcasts information about itself when powered on. Click the "Search" button to receive this information.



When a new tag is found, its information is displayed. Assign a name and comment (optional) to the tag, then click "Associate".

Step 3: Assign Tag Names and Pictures As Needed

You can edit tag names and comments of each Wireless Sensor Tag. Pictures can be associated by using Android or iPhone/iPad app.



Assign Picture



G variant	Irvine Home 💟			0.00
Update: Every 2 minutes	O Ping All Tags Now			Affiliate Progr
Water Sensor (Too Dry)	(Too Hot)	2010	O	Update
+ Motion Sensor (Armed)		23.5°C	0	Beep
Balcony Door (Disarmed)	23.5°C 🚚	0	Beep
Signal: -66d	(a) (b) (c) (c) <td>Disarmed 🖨</td> <td></td> <td></td>	Disarmed 🖨		
+ Bedroom Temperature (Armed)	23.3°C 41	0	Веер
Wallet (Disarmed)		20°C 📶	0	Beep
PIR Sensor (Disarmed)		23.2°C	Θ	Update
Wireless Tag List				

In the tag list screen, click on the tag you want to edit to open the detail pane and tap on the camera icon.

Take the picture and use finger to move or scale.

The picture is now assigned to the tag, and will be automatically visible on other devices accessing the same tag list in a few seconds.

Edit Name









The new name is now assigned to the tag, and is automatically propagated to all other devices accessing the same tag list.

In the tag list screen, click on the tag you want to edit to open the detail pane.

Step 4: Arm/Disarm Motion Sensor, Temperature Monitor, and Enable/Disable Out-of-Range Notification

Motion sensor, temperature monitoring, and out-of-range notification are turned off until they are needed to conserve battery. Follow the steps below to turn them on/off as needed.

O A Irvine Home 🕲 Logout O As O Ping All Tags No es 🔘 Ping All Tags Nov O @ 23.5°C Off (8) (8) 23.5°C (5) 30% 0 0 0 0 In. Веер din. B Stats.. . 0 O O

Motion Sensor

Irvine Home

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dite.



Click the tag of interest on the list screen to open the detail pane, and click the keypad button.

When motion sensor is armed, the tag on the list will have a black background.

Instead of arming/disarming motion sensor for each tag individually, you can also click "Arm All" or "Disarm All" to arm/disarm all motion sensor tags.

Temperature Monitoring

	S		Ø \$4
Apply to All Tags		Apply to All Tags	
Units: rc rF	U	nits: "C "F	
Calibrate 75.0 Calibrate temperature:		alibrate 750 ment	
Calibrate Remove Calibration		Calibrate Remove Calibration	
Monitor Temperature		Monitor Temperature	
Save Cancel		Temperature range:	
	>	46.6 Threshold 1.2	89.8
		C Temperature Notifications	
		Send email to	
		Email addresses (separate by .): support@mytaglist.com	
		Send Tweet	
		Twitter Login O Customize Message	
		Send push notification	
		Use speech	
		Silent (no sound)	
		Save Scancel	

Click on the temperature button to open the Temperature Sensor Options screen. Choose the unit (°C vs. °F) here to update temperature display across the app.



Beep 0 1.8°F 📶 🔍 Beeg ⊖ off ⊗ ed = () 291 1 min ago ional: -66dBm (G) 2.92 volts Ø 0 0 Beep Веер all 74.2'F 📢 🞯 Update O PIR Se sors... 🗉 Stats... 🏦 🔼 Eve gs... O • H Apps tode: Medium O

Pine All 1

•**III**•

•

The tag will notify you when the temperature exceeds upper or lower limits, or returned within normal range.

Apply to All Tag

te by ;):

ve 🕲 Cancel

00

	Irvine Home 🛇			C Logout
Update: Every 2 minute	es 💿 🞯 Ping All Tags Now			
Water Sensor (Too D			O	Update
O Motion Sensor (Disa		74,9'F	0	Веер
 Balcony Door outside 			0	Веер
2.92 vot	off (8) (74.9°F Normal () 29%	Armed = S	1 mi gnal:	n ago •66dBm 🕑
Every 30 seconds				
Every 1 minute				
Every 2 minutes				-
Every 5 minutes				
Every 10 minutes				
Every 15 minutes				3
Every 30 minutes				- 1
Every 1 hour				
Every 4 hours				
Disable auto-update				

At the top of tag list screen, choose any of the Update: "Every ..." options. Longer interval results in longer battery life but longer the out-of-range notification delay, and vice versa.

Out-of-Range Notification



Click on the refresh button under each individual tag allows you to set different update interval for each tag.

Choose "Notifications ... " to enable/disable out-ofrange/back-in-range notification. You may check "Apply to All Tags" to enable/disable this for all tags.

Event History: All past events, or only specific kind, or only from specific tag

The red "Events" button on the bottom of the screen opens "Event History". All types of events (such as open/close/moved, too hot/cold, too wet/dry, out of range/back in range, water detected) from all tags associated with selected tag manager will be shown in chronological order. The newest events are displayed on top, while older and older events are dynamically downloaded from the cloud as you scroll down. Events are collected 24/7 as long as the Tag Manager is connected to the Internet, so you can always review what happened while you were away.

		C Update
Q, F	Iter using tag name or event type	
	11/30/2014	
1	Car Key is out of range	11:04:20 AM
č	Fridge is closed	9:10:45 AM
Ē	Fridge is open (duration: 29 seconds)	9:10:16 AM
Ē	Fridge is closed	9:05:34 AM
Ē	Fridge is open (duration: 5 seconds)	9:05:29 AM
č	Fridge is closed	9:03:45 AM
Ē	Fridge is open (duration: 5 seconds)	9:03:40 AM
Ĕ	Fridge is closed	9:03:33 AM
Ē	Fridge is open (duration: 3 seconds)	9:03:30 AM
Ĕ	Fridge is closed	8:27:31 AM
Ē	Fridge is open (duration: 13 seconds)	8:27:18 AM

Tap on the red "Events" button to open the "Event History" screen. Tap on the home button on the top left corner to go back to the tag list screen.



If you want to view only a specific kind of events, start typing the event name in the search box, such as "opened".



If you want to view all events from a specific tag, start typing the name of tag in the search box, such as "Car Key".

IFTTT: IF This Then That. The easiest way to link tags with other things on the Internet.

IFTTT is a free Web/iOS/Android app that connects all kinds of Internet-enabled products (such as sprinklers, lights and thermostats) and services (such as Gmail, iOS/Android device location, and more) referred to as "Channels". Wireless Sensor Tags is an officially supported IFTTT Channel.



Tags.

The IF app

The WirelessTag channel



install published recipes, or create your own using any of our 10+

triggers and actions.

each one, or tap on it to edit.

your Android device leaves this region, the specified motion

sensor will be armed.

Motion Sensor Options: Sensitivity, Responsiveness, Notification Settings and Scheduling

Tune the sensitivity and responsiveness of the motion sensor to suit your application. In motion detection mode, choose to remember moved state indefinitely or reset to armed state after a while. In door/gate mode, choose the threshold angle (23 degree is recommended for automatic garage doors, 2~5 degree for regular doors), or choose to get notified only when door is opened for too long.

Choose to get notified by emails, tweets, speech, or whether to make tag beep upon motion.

Set the schedule to automatically arm or disarm the motion sensor at certain time of the day, and days of the week.

Motion Sensor Options for Fridge	Save)
Apply to All Tags	
Sensitivity: 56	
Response Time:	
Fast (worst battery life)	0
Schedule sensor arming/disarming	
Do not emit sound when arming/disarming	
Mode:	
Motion Detection Mode	0
Notify when no motion is detected after a time	out period
When Motion is Detected	
Manually reset to armed state	0
Send email to	
Send Tweet	
Notify on door close and motion sensor time	eout
Send push notification	
Use speech	

Click the keypad button to open Motion Sensor Options screen for an individual tag.

Sensitivity/Responsiveness

ensitivity:	86	
sponse	Time:	
	Medium	0
Fast (w	vorst battery life)	
Mediur	n fast	
Mediur	n	
Mediur	n slow	
Slow (b	est battery life)	2
Noti	fy when no motion is detected after a timeout period	
When M	otion is Detected	
	Manually reset to armed state	0
Se	end email to	
Se	end Tweet	
🗹 No	otify on door close and motion sensor timeout	
	and nush notification	

You can choose sensitivity (0 to 100, 50 is recommended to eliminate false alarms in most environment), and responsiveness ("Slow" is 5x the delay and battery life of "Fast") that best suit your application. When door/gate mode is enabled, you can choose the threshold angle, when tag orientation changes more than this, the door is deemed open, when tag orientation returns within this threshold, it is deemed closed.

Apply to All Tags

Door Monitoring Mode Motion Detection Mode

Send email to.

Send push notification
 Use speech

Medium

Motion Detection Mode

Manually reset to armed state

Notify on door close and motion sensor timeout

Schedule sensor arming/disarming ...
Do not emit sound when arming/disarming

Sensitivity: 86

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٢

0

0

Notification Settings

Motion Sensor Options for Fridge	Save
Apply to All Tags	
Sensitivity: 56	
Response Time:	
Medium	0
Schedule sensor arming/disarming	
Do not emit sound when arming/disarming	
Node:	
Motion Detection Mode	0
Notify when no motion is detected after a timeout period	
When Motion is Detected	
Automatically reset after 10 seconds	0
Send email to	
Send Tweet	
Notify on door close and motion sensor timeout	
Send push notification	
Use speech	

When not in door/gate mode, after movement is detected, by default the system remembers the tag has been moved indefinitely. Instead you can choose to have the tag automatically reset to armed state after a while.

	Door Monitoring Mode		0
			-
~	shold Angle:		
	22.5 degrees		0
	When door is opened, immediately		
	When door is opened, immediately		
	When door has been open for 5 seconds		
	When door has been open for 10 seconds		
	When door has been open for 15 seconds	ut	
	When door has been open for 30 seconds		
	When door has been open for 1 minute		
	When door has been open for 2 minutes		
	When door has been open for 5 minutes		
	When door has been open for 10 minutes		
	When door has been open for 15 minutes		
	When door has been open for 30 minutes		
	When door has been open for One Hour		
		_	

When in door/gate mode, you can choose to be notified only when it is been open for longer than a certain time period.

le	n Motion is Detected
	Automatically reset after 10 seconds
/	Send email to
m	ail addresses (separate by ;):
su	pport@mytaglist.com
1	Send Tweet
2	Notify on door close and motion sensor timeout Send push notification
2	Use speech
1	Keep ringing until reset or door is closed
1	Silent (no sound)
	Make Tag beep

You can choose to be notified by email, have the system post a tweet on your Twitter account, beep or speak on your phones, or make the tag beep.

Arm/Disarm Scheduling

Motion Sensor Options for Fridge	Swo	Motion Sensor Options for Fridge
Apply to All Tags	Apply to All Tags	Apply to All Tags
Sensitivity: 56	Sensitivity: 56	Sensitivity: 86
Response Time:	Response Time:	Response Time:
Medium	Medium	Medium
Schedule sensor arming/disarming	Schedule sensor arming/disarming	Schedule sensor arming/disarming
Disarm at: 7:00AM 🛇 Arm at: 6:00PM 📀	Disarm at: 8:45AM 🛇 Arm at: 7:00PM 🔮	Disarm at: 8:45AM O Arm at: 7:00PM O
Enable for	Enable for	Enable for 7:00PM
Sun Mon Tue Wed Thu Fri Sat	Sun Mon Tue Wed - Thu Fri Sat	Sun Mon Tue Wed Tht 7:15PM
Do not emit sound when arming/disarming	Do not emit sound when arming/disarming	7:30PM
Mode:	Mode:	Mode: 7:45PM
Deer Manitaring Made	Deer Manitarian Mada	B:00PM
bool Monitoring Mode	boor wontoning wode	8:15PM
Threshold Angle:	Threshold Angle:	Threshold Angle: 8:30PM
22.5 degrees	22.5 degrees	22.5 degree 8:45PM
When door is opened, immediately	When door is opened, immediately 📀	When door is opened, immediately 9:00PM
Send email.to	Send email to	Send email to 9:15PM
Email addresses (separate by .):	Email addresses (separate by .):	Email addresses (separate by ;): 9:30PM

By setting an auto-arming/disarming schedule, you can specify time of day to disarm (for example, in the morning), and arm (for example, after dark), for each of the checked days of the week. To make motion sensor armed over the weekend, simply setting an "Arm at" time later than "Disarm at" time, and uncheck Saturday and Sunday.

Beeping a Tag, Stopping the Beep, and Beep Options

Every wireless sensor tag has a beep function to help you find missing tags. Attach the tag to key chains, put inside your wallet, or strap to TV remote controls, and never waste time looking for these items again.



In the tag list screen, click on "Beep" button of the tag you want to beep. You can choose beep until moved, for 5,10,15,20,30 seconds, or indefinitely beep until stopped by the stop beep button. When tag responds and starts to beep, the "Beep" button turns into a blue "Stop Beep" button.

Door Stats and Temperature Stats

Each tag automatically logs temperature and each time it is moved, opened or closed, so you can always check what happened while you were away.



Temperature Graph





Temperature is logged periodically for each tag at the interval specified at **Step4**, **"Out-of-range Notification."** To view logged data, click the graph button and choose "Temperature Graph". Initially, hourly (or if captured data range is long enough, daily high/low) graph will be displayed. Zoom in by pinch gesture to view raw data points. Click the buttons at upper right corner to download all available raw data in one CSV file or send the current graph as an attachment.

Multiple Tag Temperature Graph





After there is enough data captured, click the blue "Stats" button at the bottom of the screen and choose the type of data you want to view. Choose which Tags / KumoSensors / Nest whose data you wish to view side by side.



Initially, hourly (or if captured data range is long enough, daily high/low) graph will be displayed side by side for all selected tags/sensors. Zoom in by pinch gesture to view raw data points.



Historical motion events for a single tag or multiple tags can also be visualized the same way.

Door Stats



Number of times door is opened and average duration vs. time of the day are displayed. You can also download all available raw data in one CSV file.

Time Type How Long 8:21 AM Opened 9 seconds 8:22 AM Opened 8 seconds 8:27 AM Opened 8 seconds 8:27 AM Opened 23 seconds 8:31 AM Opened 9 seconds 8:32 AM Opened 9 seconds 8:42 AM Opened 16 seconds 8:52 AM Opened 3 seconds 8:52 AM Opened 3 seconds 8:55 AM Opened 10 seconds 3:58 PM Opened 10 seconds 3:58 PM Opened 13 seconds 9:01 PM Opened 13 seconds 9:02 PM Opened 3 seconds 9:21 PM Opened 3 seconds 9:22 PM Opened 3 seconds 9:21 PM Opened 3 seconds 9:21 PM Opened 3 seconds 10:21 PM Opened 3 seconds 10:21 PM Opened 3 seconds 11:04 PM	⊗ 11/25/2014				
821 AM Opened 9 seconds 822 AM Opened 8 seconds 827 AM Opened 23 seconds 831 AM Opened 37 seconds 832 AM Opened 8 seconds 832 AM Opened 16 seconds 842 AM Opened 16 seconds 852 AM Opened 10 seconds 852 AM Opened 4 seconds 358 PM Opened 13 seconds 358 PM Opened 13 seconds 901 PM Opened 3 seconds 903 PM Opened 3 seconds 921 PM Opened 3 seconds 922 PM Opened 3 seconds 921 PM Opened 11 seconds 10-21 PM Opened 11 seconds 10-21 PM Opened 8 seconds 11-16 PM Open	Time	Туре	How Long		
822 AM Opened 8 seconds 827 AM Opened 23 seconds 821 AM Opened 37 seconds 832 AM Opened 16 seconds 842 AM Opened 16 seconds 842 AM Opened 16 seconds 852 AM Opened 10 seconds 852 AM Opened 4 seconds 857 PM Opened 10 seconds 358 PM Opened 13 seconds 9.01 PM Opened 13 seconds 9.03 PM Opened 3 seconds 9.21 PM Opened 3 seconds 10.42 PM Opened 3 seconds 10.45 PM Opened 8 seconds 11.16 PM Opened 8 seconds 11.16 PM Opened 2 seconds	8:21 AM	Opened	9 seconds		
827 AM Opened 23 seconds 831 AM Opened 8 seconds 832 AM Opened 8 seconds 8-42 AM Opened 16 seconds 8-52 AM Opened 10 seconds 852 AM Opened 3 seconds 852 AM Opened 3 seconds 854 AM Opened 4 seconds 855 AM Opened 10 seconds 358 PM Opened 10 seconds 358 PM Opened 13 seconds 9:01 PM Opened 13 seconds 9:03 PM Opened 3 seconds 9:21 PM Opened 3 seconds 9:22 PM Opened 3 seconds 9:21 PM Opened 3 seconds 9:22 PM Opened 3 seconds 9:21 PM Opened 3 seconds 9:22 PM Opened 3 seconds 10:42 PM Opened 5 seconds 10:45 PM Opened 5 seconds 11:16 PM Op	8:22 AM	Opened	8 seconds		
B31 AM Opened 37 seconds B32 AM Opened 16 seconds B42 AM Opened 16 seconds B52 AM Opened 10 seconds B52 AM Opened 3 seconds B52 AM Opened 3 seconds B52 AM Opened 4 seconds B52 AM Opened 4 seconds B55 AM Opened 10 seconds B55 AM Opened 13 seconds G55 PM Opened 13 seconds 901 PM Opened 8 seconds 902 PM Opened 3 seconds 921 PM Opened 13 seconds 922 PM Opened 13 seconds 1021 PM Opened 13 seconds 1021 PM Opened 11 seconds 1046 PM Opened 5 seconds 1116 PM Opened 5 seconds 1116 PM Opened 5 seconds 1116 PM Opened 5 seconds	8:27 AM	Opened	23 seconds		
8.32 AM Opened B seconds 8.42 AM Opened 16 seconds 8.52 AM Opened 10 seconds 8.52 AM Opened 3 seconds 8.52 AM Opened 3 seconds 8.52 AM Opened 4 seconds 8.52 AM Opened 4 seconds 3.57 PM Opened 10 seconds 3.58 PM Opened 13 seconds 9.01 PM Opened 3 seconds 9.03 PM Opened 3 seconds 9.21 PM Opened 3 seconds 9.22 PM Opened 3 seconds 9.22 PM Opened 3 seconds 10/21 PM Opened 1 seconds 10/24 PM Opened 1 seconds 10/24 PM Opened 1 seconds 10/34 PM Opened 8 seconds 11:16 PM Opened 8 seconds 11:16 PM Opened 2 seconds 11:16 PM Opened 2 seconds 11:16 PM	8:31 AM	Opened	37 seconds		
842 AM Opened 16 seconds 852 AM Opened 3 seconds 853 AM Opened 3 seconds 855 AM Opened 10 seconds 855 AM Opened 13 seconds 357 PM Opened 13 seconds 357 PM Opened 13 seconds 9.01 PM Opened 8 seconds 9.02 PM Opened 3 seconds 9.21 PM Opened 13 seconds 9.22 PM Opened 3 seconds 10.21 FM Opened 13 seconds 10.21 PM Opened 5 seconds 11.16 PM Opened 5 seconds 11.16 PM Opened 25 seconds 11.16 PM 0 seconds 5 seconds	8:32 AM	Opened	8 seconds		
8.52 AM Opened 10 seconds 8.52 AM Opened 3 seconds 8.55 AM Opened 4 seconds 3.57 PM Opened 10 seconds 3.58 PM Opened 13 seconds 3.58 PM Opened 13 seconds 9.01 PM Opened 13 seconds 9.02 PM Opened 21 seconds 9.21 PM Opened 3 seconds 9.22 PM Opened 3 seconds 9.22 PM Opened 3 seconds 9.22 PM Opened 11 seconds 10.21 PM Opened 3 seconds 10.21 PM Opened 3 seconds 10.21 PM Opened 11 seconds 10.45 PM Opened 5 seconds 11:16 PM Opened 8 seconds 11:16 PM Opened 25 seconds Showing 1 to 21 of 21 entrice 25 seconds	8:42 AM	Opened	16 seconds		
B52 AM Opened 3 seconds B55 AM Opened 10 seconds 3:57 PM Opened 10 seconds 3:58 PM Opened 13 seconds 3:58 PM Opened 13 seconds 9:01 PM Opened 18 seconds 9:02 PM Opened 2 seconds 9:22 PM Opened 3 seconds 9:22 PM Opened 3 seconds 10:21 PM Opened 13 seconds 10:21 PM Opened 13 seconds 10:21 PM Opened 5 seconds 10:21 PM Opened 5 seconds 10:16 PM Opened 5 seconds 11:16 PM Opened 25 seconds 11:16 PM Opened 25 seconds	8:52 AM	Opened	10 seconds		
B:55 AM Opened 4 seconds 3:57 PM Opened 10 seconds 3:58 PM Opened 13 seconds 4:17 PM Opened 13 seconds 9:01 PM Opened 21 seconds 9:03 PM Opened 3 seconds 9:21 PM Opened 3 seconds 9:22 PM Opened 30 seconds 10:21 PM Opened 11 seconds 10:46 PM Opened 11 seconds 10:16 PM Opened 8 seconds 11:16 PM Opened 8 seconds 11:16 PM Opened 2 seconds Showing 1 to 21 of 21 entrice 25 25	8:52 AM	Opened	3 seconds		
3:57 PM Opened 10 seconds 3:58 PM Opened 13 seconds 4:17 PM Opened 13 seconds 9:01 PM Opened 21 seconds 9:03 PM Opened 21 seconds 9:21 PM Opened 3 seconds 9:22 PM Opened 3 seconds 9:22 PM Opened 30 seconds 9:22 PM Opened 31 seconds 10:21 PM Opened 11 seconds 10:46 PM Opened 11 seconds 11:16 PM Opened 8 seconds 11:16 PM Opened 8 seconds Showing 1 to 21 of 21 entrice 25 seconds	8:55 AM	Opened	4 seconds		
358 PM Opened 13 seconds 4:17 PM Opened 13 seconds 9:01 PM Opened 8 seconds 9:03 PM Opened 21 seconds 9:21 PM Opened 3 seconds 9:22 PM Opened 13 seconds 9:22 PM Opened 13 seconds 10:21 PM Opened 13 seconds 10:24 PM Opened 5 seconds 10:45 PM Opened 5 seconds 11:16 PM Opened 8 seconds 11:16 PM Opened 25 seconds Showing 1 to 21 of 21 entrice 25 seconds	3:57 PM	Opened	10 seconds		
417 PM Opened 13 seconds 9:03 PM Opened 8 seconds 9:03 PM Opened 21 seconds 9:21 PM Opened 3 seconds 9:22 PM Opened 3 seconds 9:22 PM Opened 30 seconds 9:22 PM Opened 13 seconds 10:21 PM Opened 5 seconds 10:46 PM Opened 5 seconds 11:16 PM Opened 8 seconds 11:16 PM Opened 25 seconds Showing 10 21 of 21 entrice 25 seconds	3:58 PM	Opened	13 seconds		
901 PM Opened 8 seconds 903 PM Opened 21 seconds 921 PM Opened 3 seconds 921 PM Opened 3 seconds 921 PM Opened 3 seconds 922 PM Opened 3 seconds 1021 PM Opened 11 seconds 1024 PM Opened 15 seconds 1116 PM Opened 5 seconds 11116 PM Opened 25 seconds Showing 1 to 21 of 21 entries 5 seconds	4:17 PM	Opened	13 seconds		
903 PM Opened 21 seconds 9/21 PM Opened 33 seconds 9/22 PM Opened 13 seconds 9/22 PM Opened 30 seconds 10/21 PM Opened 11 seconds 10/24 PM Opened 15 seconds 10/24 PM Opened 5 seconds 11/16 PM Opened 8 seconds 11/16 PM Opened 25 seconds Showing 1 to 21 of 21 entries 25 seconds	9:01 PM	Opened	8 seconds		
021 PM Opened 3 seconds 0221 PM Opened 13 seconds 0222 PM Opened 30 seconds 1021 PM Opened 11 seconds 1046 PM Opened 5 seconds 11:16 PM Opened 8 seconds 11:16 PM Opened 8 seconds Showing 1to 21 of 21 entries 25 seconds	9:03 PM	Opened	21 seconds		
9.21 PM Opened 13 seconds 9.22 PM Opened 30 seconds 10.21 PM Opened 11 seconds 10.46 PM Opened 5 seconds 11:16 PM Opened 8 seconds 11:16 PM Opened 25 seconds Showing 1 to 21 of 21 entries 5 seconds	9:21 PM	Opened	3 seconds		
9.22 PM Opened 30 seconds 10:21 PM Opened 11 seconds 10:46 PM Opened 5 seconds 11:16 PM Opened 8 seconds 11:16 PM Opened 25 seconds Showing 1 to 21 of 21 entries 25	9:21 PM	Opened	13 seconds		
10.21 PM Opened 11 seconds 10.46 PM Opened 5 seconds 11.16 PM Opened 8 seconds 11.26 PM Opened 25 seconds Showing 1 to 21 of 21 entries 25 seconds	9:22 PM	Opened	30 seconds		
10:d6 PM Opened 5 seconds 11:16 PM Opened 8 seconds 11:16 PM Opened 25 seconds Showing 1 to 21 of 21 entries 25	10:21 PM	Opened	11 seconds		
11:16 PM Opened 8 seconds 11:16 PM Opened 25 seconds Showing 1 to 21 of 21 entries 25 seconds	10:46 PM	Opened	5 seconds		
11:16 PM Opened 25 seconds Showing 1 to 21 of 21 entries	11:16 PM	Opened	8 seconds		
Showing 1 to 21 of 21 entries	11:16 PM	Opened	25 seconds		
	Showing 1 to 21 of 21 er	ntries			

When you click on anywhere on the graph for a particular date, a detail history for that date is displayed. You can sort by time of the day, how long the door has been open, or event type (opened or moved).

Custom URL Calling on Event

You can define a custom URL (such as REST endpoint of home automation systems) to be called on each type of event for each tag individually or all tags. Each URL may include placeholders such as "{0}" or "{1}" to be replaced with specific information from each event. With home automation systems such as Universal Devices Insteon/ISY or Phillips Hue Lamps that supports HTTP based API, you can turn on light when door is opened, or motion is detected, for example.

When lost link to a tag - {0}: Tag name, {1}: Time since last update, {2}: Tag ID

When re-established link to a tag - {0}: Tag name, {1}: Time since last update (lost link duration), {2}: Tag ID

When motion is detected - (0): Tag name, (For motion tag {1): Orientation change, {2}: x axis reading, {3}: y axis, {4}: z axis, {5}: tag ID) (for PIR {1}: local time, {2}: tag ID)

This URL uses private IP address (Call from Tag Manager)

When motion detector times out - {0}: Tag name, {1}: local time, {2}: tag ID

http://192.168.0.121/api/developer/lights/1/state

Apply to All Tags

~

Call URL:

0

0







Click on the event(s) you want to enable URL calling, and enter the URL of your REST Web service.



If the HTTP REST API you are calling requires HTTP Verb other than "GET" or requires argument to be sent in HTTP body, click on the ">" button at the right to specify these.

Customize Notification Messages

You can customize each type of notification messages for each tag individually or all tags by defining a custom template. Each template may include placeholders such as "{0}" or "{1}" which will be replaced with different information for each type of message. See a full list of customizable notification messages.

O Associate	Invine Home			C Logo	, tu		_
Undate: Every 2 minutes	Ping All Tags Now			Affiliate Progra	m	\otimes	Custo
Water Sensor (Too Dry) (Too Ho	ot)	70'F .	0 In	Update			Ap
Motion Sensor (Disarmed)		76.0°F	.all (0	Beep			where t
 Balcony Door outside (Armed) 		76.0°F	aff 💿	Beep		ſ	when
0 off (9) 2.89 volts	76'F Ø 29% Ø Ø	Armed =	38 sec Signal: -I	ago S6dBm ©			Lost L Detail:
Bedroom Temperature (Armed) Wallet (Disarmed)		Change Tag nar Customize Mes	me sage				Wallet
O no motion	off 🛞 🔘 68°F (v2.1	Phones					When
12		URL Calling		_			Tast up
Signal: -25dBm) 2.97 volts 0	Unassociate		_	5		Title:
PIR Sensor (Disarmed)		Use old wireles:	s setting	te			Re-es
		Receiver Mode.					Detail:
Motion Sensors II Stats	Events	Calibrate Freque	ency Offset				
Tag Manager Mode: Medium 🛇		Reset States					
Wireless Tag List				(0	a	w
						á	า เ
						ŵ	z
						_	
						?123	Ŷ

Apply to All Tags	
When lost link to a tag - {0}: Tag name, {1}: Time sind	e last update
Title:	
Lost Link to "{0}"	
Detail:	
Wallet is gone {1} ago.	
When re-established link to a tag - {0}: Tag name, {1}	: Time since
last update (lost link duration)	
litie:	
Re-estabilished Link to Tag "{0}"	
Detail:	
fine cone to	ne
2 3 4 5 6 7 8	
wertyui	o p 💌
a s d f g h j k	i i ←
z x c v b n m	!? 🗘
	<i>c</i>
Ŷ,	,



Click the ">" button then choose "Customize Messages...". For example, let's change the message sent when this Tag (Wallet) is out of range to a simpler one. The Tweet sent when the tag "Wallet" is out-of-range now uses specified custom message. Notification message for other tags are not affected unless "Apply to All Tags" is checked.

Wireless Settings

Wireless Settings allows you to re-program the flash memory in each tag to use a different frequency to resolve interference problems, and to achieve a desired balance between range, battery life and response time.



Wireless Settings

Old Setting	New Setting		Old Setting
Est. Battery Life: 8.2 months Compatible with all tags	Est. Battery Life: 5.3 months For long range tag only		Est. Battery Lit Compatible wi
Frequency: 439.04MHz	Frequency: 439.04MHz		Frequency:
Response Time: within 1.5 sec 🛇	Response Time: within 1.5 sec 🛇		Response Tir
Parameter Set:	Parameter Set:		Parameter S
20kbps BW=140kHz <40ppm	9.6kbps BW=20kHz <10ppm	>	20kbps BW
2 Migrate			Ø Migrate

Wrateral properties water by the properties that the neurony is used to be neurony is used to be properti

Click the "Settings..." button at the very bottom and choose "Wireless." The system remembers the previous (Old) settings and use it for tags whose flash memory failed to update. When you modify any of the "New Setting", estimated range and battery life will be calculated. The longer the response time, or the faster the data rate, the longer the battery life. But faster data rate reduces range. Click the "Migrate" button and Tag Manager will attempt to update the flash memory of all tags to use the new settings.

Incomplete Migration

O Associate	Invine Hom	0		C Lopost
Update: Every 2 m	inutes 🔘 🔘 Ping All Tags	Now		Alliais Program
Water Sensor (1	oo Dry) (Too Hot)	747 (11)	0	Update
O Motion Sensor (Disarmed)	76.0'F	0	Beep
- Balcony Door or	tside (Armed)	1111 1121	0	Beep
2.8	off (8) (9) Normal (1)) 29% Armed 11	2 min ignal: -	ago 61d8m ©
+ Bedroom Temp	rrature (Armed)	75.67 all	0	Beep
O Wallet (Disarme	a)	70°F	0	Migrate
	o motion O Beep Off (9 (0 70°F (v2.1) Di	sarmed	0
Sig	al: -25d0m (a) 2.95 volts			
O PIR Sensor (Dis	armed)	75.4°F	Θ	Update
Motion Sensors	0 Stats fk A Ever	A Xumo Apps	Setting	s O
Tag Manager Mode:	Medium 🕲			
Wireless Tag List				0

fine tune the trade-off among range, battery	life and response time.
st. Range: 95m (new) / 50m (old) st. Battery Life: 8.2 months ompatible with all tags	Est. Range: 370m (new) / 0m (old) Est. Battery Life: 5.3 months For long range tag only
Frequency: 439.04N Hz Cannot migrate to a r tag pe	new config when there is still a nding migration cy: 439.04MHz 📀
Response Time: within 1.5 sec 🛇	Response Time: within 1.5 sec
Parameter Set:	Parameter Set:
20kbps BW=140kHz <40ppm 💿	9.6kbps BW=20kHz <10ppm

When a tag failed to be updated, its "Beep" button becomes a "Migrate Setting" button. Click on it to retry updating its flash memory. Before update succeeds, Tag Manager communicates with that Tag using the old wireless setting. Alternatively, click the ">" button and then "Use new wireless setting" if in fact the tag has migrated successfully but did not get recognized that way. Since the Tag Manager has to remember the old wireless setting when there is still tag using it, you cannot introduce a third wireless setting until all tags on your tag list finishes migration to the new setting.

Using More Than One Tag Manager

Use multiple tag managers to cover a wider area, enable tags to "roam" from one area to another, or manage more than 255 tags at one time.

Irvine Demo, offline		
	Edit	C
Irvine Condo, offline	Edit	e
Drover-Tag, online	Edit Edit Edit Edit Edit Edit	000000000000000000000000000000000000000
2 Welbury, online		
Irvine Demo 2, online, se		
Apt. B, offline		
Home, online		
Apt. A, offline		
Home, online	Edit	C
IFTTT Granted on 9/19/201	4. (<u>Contact deve</u>	lope

Adding Tag Managers

 Add a Tag Manager Adding multiple tag managers to one account allows quickly switching
between tag managers, managing more than 255 tags and covering wider area than a single tag manager can cover.
Tag Manager Serial Number:
Name this Tag Manager:
Allow creating more accounts to access my Tag Manager (with knowledge of its serial number)
Group With When a tag manager is grouped with another tag manager, they share the same list of tags and radio ID. Up to 255 tags are supported in one group no matter how many tag managers are in that group. A tag may be out of range from one tag manager but responding to another. A tag may also be reachable from both tag managers. This is useful when multiple tag managers are set up to consider a areas, and a tag may "coam" from one manager to another.
Do not group with any tag manager
Add Cancel

Click the "Settings..." button at the bottom of screen and choose "Account" to open account settings, where you can add tag managers to your account. Click "Add a New Tag Manager" button to open this screen. When a tag manager is grouped with another, they manage the same list of tags. Otherwise, it has its own list of (up to 255) tags. Tag Managers 🛨 Add a New Tag Manac (C) Irvine Demo, offline Edit. 0 Irvine Condo, offline Edit. \odot 0 Drover-Tag, online Edit... 2 Welbury, online Edit... Θ Irvine Demo 2, online, se... Edit... 0 Serial#: Revision:7, Radio ID: 181.46, Data Rate: 9.6kbps, Frequency: 439.04MHz support@mytaglist.com 0 + Add a Limited User Allow creating more accounts to access this Tag Manager (with knowledge of its serial number) Send emails when online/offline status changes Send push notifications when online/offline status Change Name.. Apt. B, off Remove Home, online \odot C Apt. A, offline Edit... Home, online Edit... Θ Apps that you granted API access to your account

You can see the list of tag managers added to your account, if they are online or offline, and change their name, or remove them. Changes made to the list is not applied until you click "Save" button.

Navigation & Events



When a tag manager is not grouped with another tag manager, each has its own list of tags. Use the drop down at the top bar to quickly switch between tag lists.

Door/Window Is Opened at Tag "Fridge"					
Orientation of the tag has changed by a	approx. 70.3 deg	ree sir	nce it was armed.		
			view		
+ Front Door (Closed)	57'F .dl	0	Beep		
+ Back Door (Closed)	68'F	0	Beep		
Bird Table (Armed)	41.9'F	0	Beep		
+ PC Cupboard Door (Closed) (Norma	al 66.4°F 📶	Ø	Update		
+ PIR PC Room (Timed Out)	67.1°F 👊	Ø	Update		
+ PIR Upper Hall (Timed Out)	64.0'F 👊	0	Update		
+ PIR BedRoom (Timed Out)	65.3°F 🚮	Θ	Update		
+ Jacket Cupboard (Closed)	65.3°F 🚮	Ø	Update		
+ Back Gate Intruder (Closed)	37'F 🚮	0	Beep		
+ PIR Dinning Room (Timed Out)	69.7°F 🚮	Ø	Update		
+ Sliding Door Bedroom (Closed)	64.2°F 🚮	0	Update		
+ Garage Front Door (Closed)	45'F 🕬	0	Beep		
+ Garage Back Door (Closed)	44'F 📶	0	Beep		
Alarm Tag (Disarmed)	68'F	0	Beep		
ALARM Stop Beep Mot	on sensor 🖩	op	otions 🖸		
Ping Tag Share	🔕 Mor	e C			
Battery: 2.97 volts, Signal: -67dBm, Updated 7 min ago, Temperature: 20°C/68°F (v2.0)					
PIR Lower Hall (Disarmed)	67.0'F	Ø	Update		
~		-			

While an event is received from one of your tags not on the tag list you are currently switched to, the popup will contain a link "View.." to allow you to click/tap...

C As	sociate	Irvine Demo 2	0		C Logout		
Updat	e: Every 10 minutes	O O Pi	ng All Tags	Now	Affiliate Program		
•	garage door (Opened)		49'F	0	Веер		
٠	Water Sensor (Too Dry)		64*F 🚮	0	Update		
۲	Car Key (Out of range)		64.9°F 📶	0	Beep		
•	Hallway Thermostat (Ho	ome)	67'F al	0	Update		
0	Master Bedroom (Disari	med)	75.1°F	0	Update		
0	Fridge (Opened)		54"F	0	Beep		
Bat 12°	O Ping Tag Share More More Battery: 2.88 volts, Signal: -71dBm, Updated 14 sec ago,Temperature: 12/0547 (0.21)						
0	Lightbulb 01 (Off)		et.	0	Update		
0	Wallet (Disarmed)		61°F	0	Веер		
•			lte	0	Update		
٠	WeMo Insight (On)		al l	0	Update		
Ð	PIR Sensor (Detected)		65.9'F	0	Update		
Mo (*)	Motion Sensors E Stats 6 • Kumo Apps Settings 0						
Tag M	lanager Mode: Narrov	wer 💟					

... to switch to the right tag manager, to view details of the event.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

2. This device must accept any interference received, including interference that may cause undesired operation.

Modifications: Any modifications made to this device that are not approved by Cao Gadgets LLC may void the authority granted to the user by the FCC to operate this equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: – Reorient or relocate the receiving antenna. – Increase the separation between the equipment and receiver. – Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. – Consult the dealer or an experienced radio/TV technician for help.



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^{1.} This device may not cause harmful interference.