





Android: iot-switch-v1.56.13



This iiotsys[™] IoT Switch is designed to be setup using a Mobile Application available on Google Play Store or by use of our free software home automation server iiotsys[™] (Web Application).

WARNING! - Please adhere at all times to the electrical specification limits of the IoTSwitch Model that you have purchased. CAUTION! - Changing parameters or values with the iiotsys[™] (Web Application) interface can cause the IoTSwitch to become out of Sync with the Android Application.

Download and install the iiotsys[™] Mobile App from Google Playstore

Open Playstore on your mobile phone, search for iiotsys. Click install and follow the prompts.

	iiotsys [™] IoT Switch KLD Technologies Business	
The m	nain menu	
		My IoT Switches Provides a list of IoT Switches that have been configured and are available to be controlled, published to openHAB, or scheduled.
	IoT Switch v1.56.13	Configure New Switch Configures a new IoT Switch that has not been setup, the first configuration of this switch becomes the switch owner. The switch owner has access to all switch details, can reset the switch and allow non-owners to create sched-
$\stackrel{\leftarrow}{\leftarrow}_{\leftarrow}$	My IoT Switches	ules for IoT Switches.
+	Configure New Switch	Add Existing Switch Re-adds a IoT Switch that was previously configured, this option will re-add the switch with limited detail if the user adding this switch was not the owner. If the owner deleted the switch and re-adds the same IoT Switch the IoT Switch will again be re-added with all switch details.
(Add Existing Switch	Cloud Scheduling (in-app purchase)
@	Cloud Scheduling	Scheduling adds timer and loop functions that automate the control of the IoT Switch independantly of the Mobile Application connectivity.
\otimes	Publish to OpenHAB	Publish to openHAB (<i>in-app purchase</i>) Creates cloud accounts for openHAB MQTT and publishes selected IoT Switches to local openHAB server through the application program interface.
	System Monitor	System Monitor Displays messages of IoT Switch subscriptions and activity.
¢	Settings	Settings Submit support data, restore or make in-app purchases or reset all data.

Configure New Switch

≡ IoT Switch	Name for your Switch Name for your Switch as it will appear in the Switch list (My IoT Switches), make this a logical name that can also be easily used for yoice control
Please complete the following fields to configure a new switch. All fields are required.	hane that can also be casity asea for voice control.
	Description for your Switch
Name for your Switch	Friendly description that helps further define the switch and appears when viewing the
	switch details. This can be the same as the Name entered above.
Description for your Switch	
	Pulse, Toggle or Pulse & Toggle
Please select a switch type, Pulse / Toggle or Pulse & Toggle	Switch type defines whether this in a on / off switch (loggle) or a momentary trigger switch
O Pulse	(Pulse) or both. The switch type can be changed after the switch has been configured in the
	edit switch pop-up menu.
	Your WiFi SSID
U Puise & Toggie	Enter the SSID for your local WiFi network. The IoT Switch will connect to this network. This
Please supply wireless confguration to connect the switch to your WiFi network	network is defined as the station network.
Your WiFi SSID	Your WiFi Password
	Enter the password for your local WiFi network.

Please supply wireless confguration for the switch Access Point

Switch AP WiFi SSID

Switch AP WiFi Password

Configure this switch for cloud?

Allow Scheduling of this switch?

Your Email Address

Password for Cloud

CONFIGURE AND SAVE SWITCH

Switch AP WiFi SSID

The IoT Switch acts as an access point, enter a unique SSID that the IoT Switch will broadcast for direct connection. Recommendation is to use underscores instead of spaces. This network is defined as the SoftAP network.

Switch AP WiFi Password

Enter a password for the SoftAP network.

Configure this switch for cloud

When enabling this function will create the necesary cloud accounts so that the IoT Switch can be securely controlled from the local network and from the internet. Cloud scheduling is dependent on this option being enabled.

Allow Scheduling of this switch

Enable this option to enable the IoT Switch to be scheduled from cloud services and non-owner users.

Enter a email address and password that will uniquely identify the owner of this IoT Switch. This option will only be available on the first IoT Switch that is added, thereafter the email address and password will be stored and remembered for every consecutive new or existing switch added.

Checks to be done before adding a new IoT Switch - Ensure one IoT Switch is setup at a time. **Pre-Flight Checks** - Failure to follow these guidelines can result in failure of the Mobile App to configure your new IoT Switch Once details have been completed click Ensure your IoT Switch is installed and the CONFIGURE AND SAVE SWITCH powered up. button at the bottom of the screen. Configuring your new Switch, this may Please be patient during this process as take a moment... several components are configured Ensure at least 20% battery power seamlessly. Configuring Switch WiFi Station remaining on your Mobile Device Waiting for switch to reboot NOTE! Getting Station Configuration The most common issues during configu-Station Configuration - OK Close all open applications on your ration are related to the pre-flight checks Configuring Switch WiFi Access Point not being done. mobile device Waiting for switch to reboot Soft AP Configuration - OK The second most common issue is the Creating Cloud Account(s) - OK failure to configure the Station (Local The iiotsys mobile app is installed and **Configuring Switch Cloud Account** WiFi), please check your local WiFi network SSID and password are correct, Configuring Cloud Account on Switch ready click OK to the failure notification and **Configuring Cloud Control Strings** click again on the CONFIGURE AND Switch Cloud Configuration - OK SAVE SWITCH button to re-run the Ensure Performance mode and Power configuration. Successfully configured the new switch! Please saving features are disabled note that it may take up to a minute for the switch - The Local WiFi SSID and Password for to register with Cloud. your local WiFi are case sensitive. You are on your local network and within - IoT Switches cannot be added or configured when connected from the OK 10 meters from the IoT Switch internet.

My IoT Switches list

Once the new switch has been configured it will appear under the My lot Switches list. Depending on the switch type selected the Pulse and Toggle or Pulse or Toggle control buttons will be visible.

Any action will be confirmed by a short vibration as a tactile feedback when working with the type buttons.



Default view of the added switch in a off state. The LED illumination is dependant on confirmation of the Switch state (please see below)

Default view of the IoT Switch when turned on. The GREEN LED will only illuminate when the IoT Switch has turned on and has confirmed that it is on back to the local or cloud service (please see the Configure New Switch section for local and cloud configurations)

Default view of the IoT Switch when pulsed. The YELLOW LED will momentarily illuminate and then extinguish when the IoT Switch has confirmed that it has switched on for one second and then turned off to the local or cloud service. (please see the Configure New Switch section for local and cloud configurations)



Long press and hold on any IoT Switch in the list will produce a pop-up menu.

Switch Detail will display the details of the switch. The switch owner will have elevated priviledges. Any additional user that adds the switch as an existing switch will have limited switch details and priviledges.

Lock symbol on the IoT Switch LED indicates that the IoT Switch is locked.

(Please see switch details section for more details)

Switch detail (owner)

Demo Lamp

Demonstration

Switch Information

OFF
IoT-IIoTSys-01-PTR-SWI
Cloud_v50.7
iot-iiotsys-01-ptr_swi-v50.7
192.168.2.86
84:F3:EB:94:B5:18

Wireless Configuration

MyNetwork
mysecret
Demo_Lamp
mysecret

Switch Cloud Configuration

Cloud Server:	cloud.iiotsys.co.za
Cloud Port:	1883
Cloud Key:	c627c2d84bfc4f7b921f95dc
Cloud Username:	Demo_Lamp_eb14bc50
Cloud Password:	8e48fdd547a349a3
Cloud Scheduling:	Enabled

Switch Cloud Control

Control ON:	d1d1349
Control OFF:	36fe24e
Control PULSE:	6dd5dbe
Control STATE:	1b023d1
Control STATUS:	3353f01
Control REBOOT:	e210904
Control RESET:	950388f
Control LOCK:	c017927
Control UNLOCK:	2585a16
Control ADDRESS:	4971ba1
Control UPDATE:	86805b8

User Cloud Account Configuration

Cloud Username: Cloud Id:

TOGGLE POWER

someone@somewhere.com df138616

PULSE SWITCH

Switch Information

General Information defining the state, IoT Switch model, version and build. The current IPv4 address of the IoT Switch on the network and the MAC (Media Access Control) address of the IoT Switch.

Wireless Configuration

Station configuration information defining the local WiFi network that the IoT Switch is connected to, Station SSID and Password. The SoftAP information defining the access point SSID broadcast by the IoT Switch and asociated password used if connecting directly to the IoT Switch.

Switch Cloud Configuration

The cloud server cluster and port that the IoT Switch is connecting to for MQTT services (note that this information will not be present if the IoT Switch is not enable for cloud when configuring the new IoT Switch). The unique 24 character key that identifies this IoT Switch on the cloud Platform. The Iocal IPv4 and MAC address of the IoT Switch. The IPv4 address is updated when querying the IoT Switch IPv4 address (see GET SWITCH IP below)

Switch Cloud Control

Each function of the IoT Switch is actioned by unique 7 character keys. The keys for each function (right) is listed for each corresponding function (left).

User Cloud Account Configuration

Unique cloud identifier and email address of the registered owner.

FUNCTIONS Functions available to enhance management and testing of your IoT Switch.

TOGGLE POWER

Clicking on this button will toggle the IoT Switch ON and OFF respectively. Confirmation of the action will be in the form of a pop-up notification confirming the IoT Switch has actioned the request.

PULSE SWITCH

Clicking on this button will PULSE the IoT Switch, confirmation of the action being executed by the IoT Switch will be in the form of a pop-up notification.

GET STATUS

Clicking this button will query the switch and return the IoT Switch real-time status, either ONLINE, or NULL for OFFLINE. The result will be in the form of a pop-up notification.

GET STATE

Clicking this button will query the switch and return the IoT Switch real-time state, either ON or OFF. The confirmed state will be in the form of a pop-up notification.

TOGGLE AP SSID

Clicking this button will HIDE (If not HIDDEN) or UNHIDE (if not UNHIDDEN) the SOftAP SSID broadcast. The confirmation of this action will be in the form of a pop-up notification. (Please note that this is mandatory to be run whilst connected to your local WiFi (Station) network.

ENABLE CLOUD

Clicking this button will release the IoT Switch from local control if another user added the same IoT Switch as local only and has finished controlling it. Registration of the IoT Switch to cloud control is within 60 seconds or less provided the Station network has internet access.

GET SWITCH IP

Local WiFi Station network IPv4 addresses is managed by one or another DHCP (Dynamic Host Control Protocol) lease, dependant on the lease period the IoT Switch will be issued with a new IPv4 address, clicking this button will query the current or realtime IPv4 address currently issued to the IoT Switch and return the IPv4 address. The IPv4 address will be shown in the form of a pop-up notification. Should the IPv4 address have changed then it will be stored and the updated IPv4 address will be visible in the Switch Information.

Cloud Scheduling

Enable this option to enable the IoT Switch to be scheduled from cloud services and non-owner users.

REBOOT SWITCH

Clicking this button performs a soft reboot of the IoT Switch firmware. Confirmation will be in the form of a pop-up confirming that the IoT Switch has restarted.

RESET SWITCH

Clicking this button will perform a factory reset of the IoT Switch and remove the IoT Switch from the



switch list. If this was the last IoT Switch a option will be provided to also delete the cloud account for the mobile device. Each stage of the process will be confirmed in several pop-up messages.

DELETE SWITCH

Clicking this button will delete the switch from the IoT Switch list, if this was the last IoT Switch then the option will be provided to also remove the cloud account for the Mobile device. The IoT Switch can be re-added as an existing IoT Switch.

RESTORE SWITCH

Clicking this button will restore all the configuration to a unconfigured switch, unconfigured switches can be as a result of a firmware upgrade, hard reset or simply a replacement.

LOCK SWITCH

Click this toggle button to lock and unlock the IoT Switch Web user interface and prevent any non - owners adding this IoT Switch to their Mobile App or openHAB server or from making any unauthor-ised changes.

UPDATE FIRMWARE

Clicking this button will check for the latest firmware and perform a OTA (Over The Air) firmware update if new firmware is available.

BACK TO SWITCH LIST

Click this button to return to the main menu.

Switch detail (non-owner)

When the IoT Switch is added as an existing switch by a non-owner then the infor- Switch Information mation and controls are limited for security reasons.

If the IoT Switch is deleted and re-added by the owner then all the IoT Switch details and priviledged controls are restored.

A non-owner cannot enable scheduling or otherwise reveal or reset a IoT Switch. When a non-owner is authorised to add an existing switch it is recommended that although you join their mobile device to your local WiFi network that you do not reveal your cloud credentials.

If you are a body corporate or a manager for access at a location having multiple users that you record the cloud ID of each of your tenants. This information provided to us will allow the support team to revoke access for this user.

Please also note that we will only accept the authorization to remove a user if the email requesting same originates from the owners email address.

Demo	Lamp	Den	no Switch	
Demo	nstration	Demonstration		
Switch I	nformation	Switch Information		
Current Switch State: Switch Model: Switch Version: Build Version:	urrent Switch State: OFF witch Model: IoT-IIoTSys-01-PTR-SWI witch Version: Cloud_v50.7 uild Version: iot-iiotsys-01-ptr_swi-v50.7		OFF IoT-IIoTSys-01-PTR-SWI Cloud_v50.6 iot-iiotsys-01-ptr_swi-v50.6	
User Cloud Acco	ount Configuration	User Cloud Account Configuration		
Cloud Username: someone@somewhere Cloud Id: df13		Cloud Username: Cloud Id:	someone@somewhere.com 9d359f1d	
TOGGLE POWER	PULSE SWITCH	TOGGLE POWER	PULSE SWITCH	
GET STATUS	GET STATE	GET STATUS	GET STATE	
	Local OpenHAB		Local OpenHAB	
DELET	SWITCH	DELI	ETE SWITCH	
UPDATE FIRMWARE	BACK TO SWITCH LIST	UPDATE FIRMWARE	BACK TO SWITCH LIST	

Edit Switch (non-owner and owner)

Change the Name, Description or Switch Type below and click Save and Close to save the changes, else click cancel to return to your switch list Switch Name Demo Switch Switch Description Demo Switch Please select a switch type, Pulse / Toggle or Pulse & Toggle O Pulse 🔿 Toggle Switch Type Pulse & Toggle SAVE AND CLOSE CANCEL

General Information defining the state, IoT Switch model, version and build. The current IPv4 address of the IoT Switch on the network and the MAC (Media Access Control) address of the IoT Switch.

User Cloud Account Configuration

Unique cloud identifier and email address of the registered owner.

FUNCTIONS

Functions available to enhance management and testing of your IoT Switch.

TOGGLE POWER

Clicking on this button will toggle the IoT Switch ON and OFF respectively. Confirmation of the action will be in the form of a pop-up notification confirming the IoT Switch has actioned the request.

PULSE SWITCH

Clicking on this button will PULSE the IoT Switch, confirmation of the action being executed by the IoT Switch will be in the form of a pop-up notification.

GET STATUS

Clicking this button will query the switch and return the IoT Switch real-time status, either ONLINE, or NULL for OFFLINE. The result will be in the form of a pop-up notification.

GET STATE

Clicking this button will query the switch and return the IoT Switch real-time state, either ON or OFF. The confirmed state will be in the form of a pop-up notification.

LOCAL OPENHAB

Clicking this toggle button will ensure local only IoT Switches remain online with openHAB

DELETE SWITCH

Clicking this button will delete the switch from the IoT Switch list, if this was the last IoT Switch then the option will be provided to also remove the cloud account for the Mobile device. The IoT Switch can be re-added as an existing IoT Switch.

UPDATE FIRMWARE

Clicking this button will check for the latest firmware and perform a OTA (Over The Air) firmware update if new firmware is available.

BACK TO SWITCH LIST

Click this button to return to the main menu.

Editing Switches

The IoT Switch Name, Switch Description (Friendly) name and Switch Type can be changed at any time by using the Switch Edit menu.

Edit the Switch Name, Switch Description or Switch Type to suit your needs and then click the SAVE and CLOSE button to apply your changes and return to the Main Menu. Click the CANCEL button if no changes are required. Both the SAVE and CLOSE and CANCEL buttons return to the Main Menu.

Switch Name

This is the name of the IoT Switch as it will appear in the Switch List.

Switch Description

This is the Switch Description as it will appear in the Switch Detail, Switch Information.

Switch type defines whether this in a on / off switch (Toggle) or a momentary trigger switch (Pulse) or both.

PULSE CHANGE

PULSE

Example to the left shows the Switch Type changed to PULSE only.



TOGGLE CHANGE

Example to the left shows the Switch Type changed to TOGGLE only.

PULSE AND TOGGLE CHANGE Example to the left shows the Switch Type change to PULSE & TOGGLE.

SWITCH NAME CHANGE

Example to the left shows the Switch Name changed from DEMO SWITCH to DEMO SWITCH NAME.

Cloud Scheduling (in-app purchase)

Cloud Scheduling is a in-app purchase when using more than one schedule (please see settings section). Click the Cloud Scheduling option form the Main Menu.

Important Concepts:

Scheduling concept is broken down into two basic steps, creating schedules, and then linking them to IoT Switches in the Switch List using the press-and-hold pop-up menu Cloud Schedules(s) Menu. When linking the Schedule created to the IoT Switch, it is linked as ON / OFF or PULSE event.

Once a schedule is created and linked to a IoT Switch in the Switch List the Cloud Scheduling Service ensures that the events are sent to the IoT switch regardless of the state of the Mobile App on your Mobile Device. Cloud scheduling works independently of local home automation servers.

Click CREATE NEW CLOUD SCHEDULE. IoT Switch \equiv In the examples below (First Schedule) is a once off event due to start at 19:49 12-11-2018 (Second Schedule) ocurrs hourly and starts at 20:03 and ends at midnight 13-11-2018 Configure Cloud Schedule(s) to attach to your switches. Schedule Power ON / OFF or Pulse to be actioned at (Third Schedule) ocurrs daily, every day of the week, no repeats, as the schedule stops on 13-11-2018 it any time, regardless of your app connectivity status will only run once on the 12-11-2018 at 20:04. (Fourth Schedule) runs weekly at 20:04, repeat weeks is one, the end date is optional in all four Schedules CREATE NEW CLOUD SCHEDULE IoT Switch ≡ IoT Switch IoT Switch \equiv ≡ IoT Switch \equiv Delete or Change the current Schedule. All times are Please complete the following items to create a new Please complete the following items to create a new Please complete the following items to create a new schedulle. All times are expressed in (GMT+02:00) South Africa Standard Time. schedulle. All times are expressed in (GMT+02:00) South Africa Standard Time. expressed in (GMT+02:00) South Africa Standard Time schedulle. All times are expressed in (GMT+02:00) South Africa Standard Time DELETE THIS SCHEDULE Second Schedule Third Schedule First Schedule Fourth Schedule ○ Once Hour Day Week ○ Once ○ Hour ● Day ○ Week ● Once ─ Hour ─ Day ─ Week Once Hour Day 💿 Week **Hourly Schedule One-Time Schedule Daily Schedule** Run the schedule every Schedule runs only once On these days: Weekly Schedule 01 Hours 00 Minutes Repeat after this number of weeks: 1 Start Time: 19 49 🗹 Mon 🛛 🔽 Tue 🗹 Wed 🛛 🗹 Thu 🔽 Fri 🔽 Sat 🔽 Sun On Day(s): 🔽 Tue 🔽 Wed 🔽 Thu Start Time: Mon Start and End Dates 20 03 C Every Weekday Specify the date to start and optionally end this 🔽 Sur schedule. (YYYY - MM - DD) O Repeat after this number of days: 1 Start and End Dates Start Date: 2018 12 11 Start Time: 20 04 Specify the date to start and optionally end this schedule. (YYYY - MM - DD) Start Time: 20 04 Start and End Dates Start Date: 2018 11 12 **Start and End Dates** Specify the date to start and optionally end this Stop this schedule on Specify the date to start and optionally end this schedule. (YYYY - MM - DD) schedule. (YYYY - MM - DD) 2019 End Date: 11 12 Stop this schedule on Start Date: 2018 11 12 Start Date: 2018 11 12 End Date: 2019 11 12 Stop this schedule on Stop this schedule on: End Date: 2018 11 12 2019 End Date: 11 12 SAVE SCHEDULE SAVE SCHEDULE SAVE SCHEDULE SAVE SCHEDULE Standard calendar is used to When setting the Hours, Minutes, the analog pendu-Mon, 12 Nov 20:04 20:04 Set time lums can be dragged to the desired value. select, year, month and date. If digital entry is preferred click the keyboard icon in < November 2018 > 12 the bottom left of the set time window and use the S M T W T F 11 1 1 2 3 Type in time 2 numeric keypad on your mobile device to set the hours 7 8 9 10

Attaching Schedules to IoT Switches.

4

CANCEL OK

45

35

20

ок

25

CANCEL

Create the number of schedules required, each with a unique name, in these examples First, Second, Third and Fouth Schedules were created (below far left). In the example below a long press-and-hold on the desired switch from the Switch List then select Cloud Schedule(s) from the popup menu. Click the drop down next to Please select a Schedule, in the example below (second from far left) the first schedule was selected and linked as a ON event (third from far left below). A long press-and-hold will generate a pop-up menu allowing the linked schedule to be unlinked.

and minutes required.

Schedules can be linked as ON / OFF or PULSE events to any IoT Switches in the switch list.

20:04

hour

minute

CANCEL

ок

≡ IoT Switch		Demo Switch		Demo Swit	ch		Demo S	witch
Configure Cloud Schedule(s) to attach to your switches. Schedule Power ON / OFF or Pulse to be actioned at any time, regardless of your app connectivity status.		Demo Switch Please select a schedule to link to this switch or long press a schedule in the list below to remove	Please sele long press a	Demo Switch Please select a schedule to link to this switch or long press a schedule in the list below to remove		Demo Switch Please select a schedule to link to this switch or long press a schedule in the list below to remove		
CREATE NEW CL	OUD SCHEDULE	it from this switch. Please select a Schedule First Schedule	Please select	it from this swi t a Schedule	tch.	Please selec	it from this t a Schedule	switch.
chedule Name	Next Run Time	Second Schedule Third Schedule	O N			ON		O PULSE
Second Schedule	2018-11-12 20:03	Fourth Schedule		LINK SCHEDU	ILE		LINK SCH	EDULE
Third Schedule	2018-11-13 20:04		First Schedul	e	2018-11-12 20:03	First Schedul	9	Unlink Schedule
Fourth Schedule	2018-11-12 20:04							onink schedule

NOTE!

IoT Switches cannot be deleted if they have Schedules linked to them. Schedules cannot ne deleted if they are linked to any IoT Switches. 13 14 15 16

20 21 22 23

Publish to OpenHAB (in-app purchase)

Publish to OpenHAB is a in-app purchase (please see settings section). Click the Publish to OpenHAB option form the Main Menu.

Important Concepts:

The publish to OpenHAB API interface to iiotsys™ openHAB server software requires that at least one IoT Switch exists in the Switch List. The API will also create the first Server cloud account for the owner. Each owner is permitted to have one free cloud account for a openHAB server instance. multiple openHAB servers belonging to the same owner can use the same cloud account belonging to the owner. non-owners cannot create server cloud accounts and owners cannot create more than one server cloud account. These rules apply to the iiotsys[™] eco systems and not the openHAB cloud connector covered in the iiotsys[™] (Web Application) user manual.

E IoT Switch		Click on the Publish Click on the CREATE		
Publish IoTSwitches to y For more information on this integration ple				
Create an Open	HAB Cloud Account to proceed			
CREATE OF	PENHAB CLOUD ACCOUNT			
■ IoT Switch		Once a cloud accou with the iiotsys™ Cl		
Publish IoTSwitche Auton				
or more information on website at https://w				
OpenHAB C	loud Account Detail			
loud Email: loud Password: loud Id:	someone@somewhere.com 8692e269a69347c0ae34de00 21d328d5	Download and depl (Please see the tuto		
Please enter your Ope Check the Server	enHAB Server IP Address and to publish the switches.			
Address of Oper	Enter the local IPv4 Once the openHAB			
CHECK O	that you wish to pu			
Please select the switch he Type of switch (Togo				

to OpenHAB option from the Main Menu. E OPENHAB CLOUD ACCOUNT.

unt has been created the OpenHAB Cloud Account Detail will become populated loud account details, Cloud Email, Cloud Password and Cloud ID.

someone@somewhere.com
8692e269a69347c0ae34de00
21d328d5

loy a openHAB virtual machine or openHAB image from our website. prial videos on our website under openHAB for more guidance).

address for the openHAB server and click the CHECK OPENHAB SERVER button. local server API is available and validated the PUBLISH MY Switches option will It the bottom of the menu and you will now be able to select IoT Switches listed Iblish to openHAB server.

t and press publish to send the switches to OpenHAB.

Demo Switch

Toggle

Select Switch Type Select Switch Icon

Switch

PUBLISH MY SWITCHES

Enable the IoT Switches toggle button that you want to publish to the local openHAB server. Select the Switch Type as Toggle or Pulse and select a Switch Icon from the drop-down menu. Repeat this for all the desired IoT Switches.

Click the PUBLISH MY SWITCHES button at the bottom of the menu when done. A pop-up notification will advise you that the IoT Switches have been sucessfully been published to the openHAB server.

For each of the steps above confirmational and informational pop-ups will guide the process. Once the IoT Switches have been published to the local openHAB server they will be immediately available for control in the openHAB server Basic User Interface, HABPanel and openHAB Mobile Applications. Please see our openHAB tutorial videos for more information on those areas.

IoT Switch

CLEAR SYSMON EVENTS

2019/01/13 9:36:02 PM

Full User: someone@somewhere.com:Demo_Lamp_eb14bc50 To Queue: c627c2d84bfc4f7b921f95dc

2019/01/13 9:36:02 PM

Resubscribing Model: IoT-IIoTSys-01-PTR_SWI Build Version: Cloud_v50.7 User: Demo_Lamp_eb14bc50

Click the System Monitor option from the Main Menu. The System Monitor provides registration activity of your IoT Switches. This information can be used the track potential issues in your WiFi environment like weak signals, power and Internet Failures.

To clear the Sysmon events simply click the CLEAR SYSMON EVENTS button in the System Monitor menu.

Add Existing Switch

Please complete the following fields to add an existing (Already Configured) Switch. Please use the detail obtained from another App user to complete Ip Address and Cloud Account detail. All fields are required.

Current IP Address of the Switch

Name for your Switch

Description for your Switch

Please select a switch type, Pulse / Toggle or Pulse & Toggle. This may be different to the configuration of the same switch in another app

O Pulse

Toggle

O Pulse & Toggle

Is this switch configred for cloud?

SAVE SWITCH

Getting current configuration from switch, this may take a moment..

Fetching Switch Information - OK Fetching Switch Cloud Information Creating Cloud Account(s) - OK

Successfully added the switch! Please note that it may take up to a minute for the switch and app to register with Cloud.



Settings

Important Concepts:

In-app purchases are once off purchases and can be restored to any of the owners Mobile Android devices. In-app purchases are independantly available for Cloud Scheduling or Publish to OpenHAB features. IoT Switch Pro is a once off purchase that purchases all the present and future in-app features that will be and are to be released by KLD Technologies.

Function errors and data are automatically collected by KLD Technologies to improve the quality and end user experiences of our Mobile Application.



App	Version:	1.56.13
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Please only submit support data when requested to do so, this is to help us help you get the most out of the app and the Switch(es) you purchased.

SUBMIT SUPPORT DATA

Restore past in-app purchases for IoT Switch or,

Current IP Address of the Switch

Obtain this information from the owner of the IoT Switch or the local network. The Mobile device must be connected to the local WiFi (Station network) in order to add an existing IoT Switch.

Name for your Switch

Name for your Switch as it will appear in the Switch list (My IoT Switches), make this a logical name that can also be easily used for voice control.

Description for your Switch

Friendly description that helps further define the switch and appears when viewing the switch details. This can be the same as the Name entered above.

Pulse, Toggle or Pulse & Toggle

Switch type defines whether this in a on / off switch (Toggle) or a momentary trigger switch (Pulse) or both. The switch type can be changed after the switch has been configured in the edit switch pop-up menu.

Is this switch configured for cloud

Enable cloud function if more than local WiFi network control is required and / or the owner of the IoT Switch added it originally as a cloud enable IoT Switch and cloud scheduling is required.

Enter a email address and password of the owner of this IoT Switch. This option will only be available on the first IoT Switch that is added, thereafter the email address and password will be stored and remembered for every consecutive new or existing switch added.

Click SAVE SWITCH to add the IoT Switch

NOTE!

If the owner email address and password is not used the switch will be added, however it will not be able to be controlled.

SUBMIT SUPPORT DATA

In addition to the function data collected, you may be requested to submit support data when encountering an error or unandled exception on your mobile application.

RESTORE PURCHASES

Click this button to restore and re-instate your previous purhases and re-enable your features following a Mobile Phone reload, new or additional Mobile phone or in the event of IoT Switch Mobile Application reload.

BUY IOT SWITCH PRO

Click this button to purchase the Pro edition features (as described in concepts above).

CLEAR APP DATA

Clicking on this button will delete ALL data stored in your Mobile IoT Switch application, this will clear ALL data entitling you as the owner of any previous switches added and you will also have to restore your purchases.

C

purchase IoT Switch Pro once off, to enjoy and leverage all current and future advanced features.

RESTORE PURCHASES

BUY IOT SWITCH PRO

Clear your APP Data. Please note that this will only clear the data for this APP user and will not affect the switch configurations.

CLEAR APP DATA

General

The Mobile Application is intuitive in use and layout, detailed information present within each function and pop-up is designed to guide and advise the user every step of the way, please be sure to read this information as you familiarise yourself with this application.

Gathered function data for our developers to improve the Mobile Application does not gather usage or personal information and is aligned to our privacy policy located on our website.

Please be prepared to submit data in the settings section upon request of one of our developers.