Global Hub

CSH-0301

USER MANUAL

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Disclaimer of Warranties

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Any changes or modifications not expressly approved by the party responsible for compliance
Could void the user's authority to operate the 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.
The device has been evaluated to meet general RF exposure requirement. The device can be used in portabl e exposure condition without restriction.
FCCID: 2ARWCCSH-0301

For FCC SAR Description:

This Global Hub meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. FCC RF Exposure Information and Statement The SAR limit of USA (FCC) is Trunk for Limit 1.6 W/kg. Model Name: CSH-0301 (FCC ID: 2ARWCCSH-0301) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for properly is 0.513W/kg of Trunk, a minimum separation distance of 10mm must be maintained between the user's body and the Global Hub .Theuse of similar accessories should not containmetallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Overview

The iOT Global Hub is a device designed to track assets based on WiFi + Cell ID + GPS technology. It is also the perfect platform for collecting and managing data from wireless and wired sensors through its Bluetooth 4.0 (le) feature. Its connectivity features enable the device to roam globally using 3 bands UMTS and 4 bands 2G as fallback technology. It has a dedicated power management chipset and it is optimized to work as a battery powered device with a 1500 mAh capacity.

Specification

Technical Specification

1.	Power Capacity	:	1500 mAh Lithium Polymer
2.	Battery Cell	:	Lithium Polymer
3.	Accelerometer	:	3 Axis
4.	Rated Input	:	DC 5V 500mA
5.	Dimensions	:	4.9 x 2.9 x 0.39 inch
6.	Weight	:	~40 grams/ ~1.4 oz

Getting Started

Label

1. Serial# - It is Dynamic and it can be set or changed by Admin from Admin Portal
2. IMEI - Get with Smart Device

Power On

Press power button and hold it for 2secs until Green lights ON.

Restart

Can do with the help of using Reboot Remote Command.

Power Off

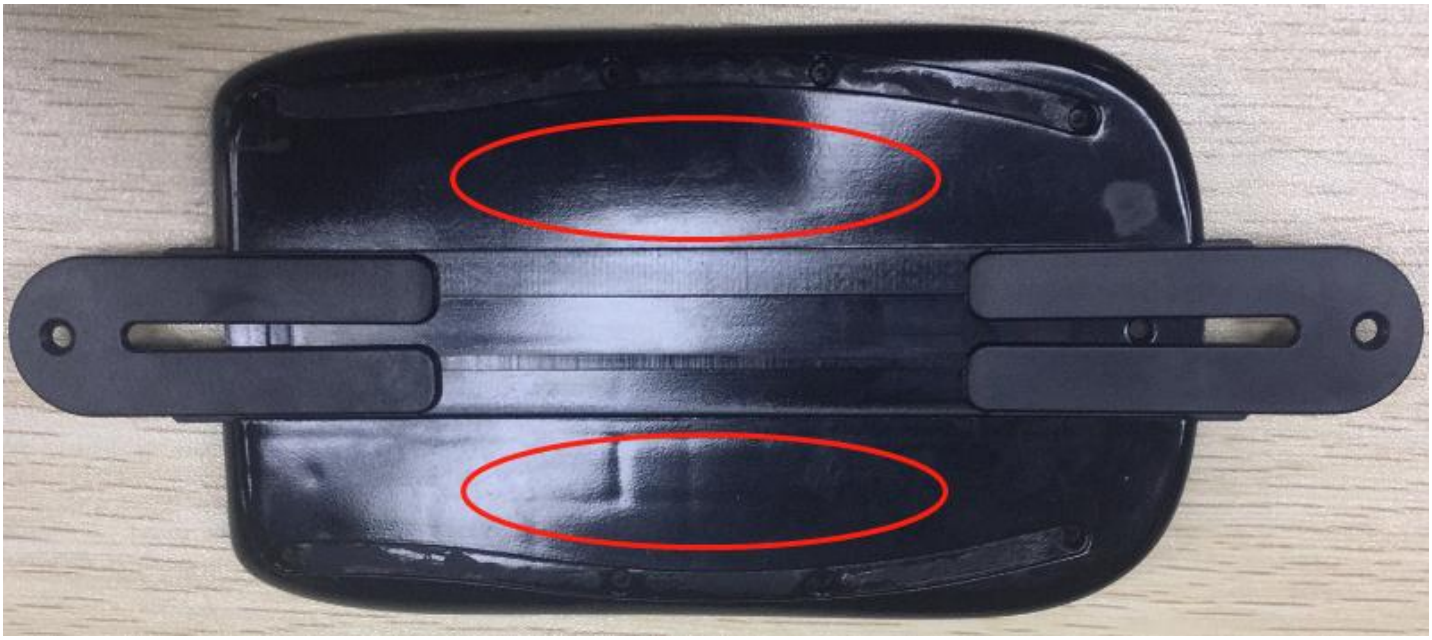
Press power button and hold it for 2secs until Red lights ON.

LED Indicator

1. Green Light: - Indicates Power ON
2. Red Light: - Indicates Power OFF

Installation

1. Using Tape: - It can be pasted on Glass or Wood by using Double tape which already provided on Device from Manufacturing side.

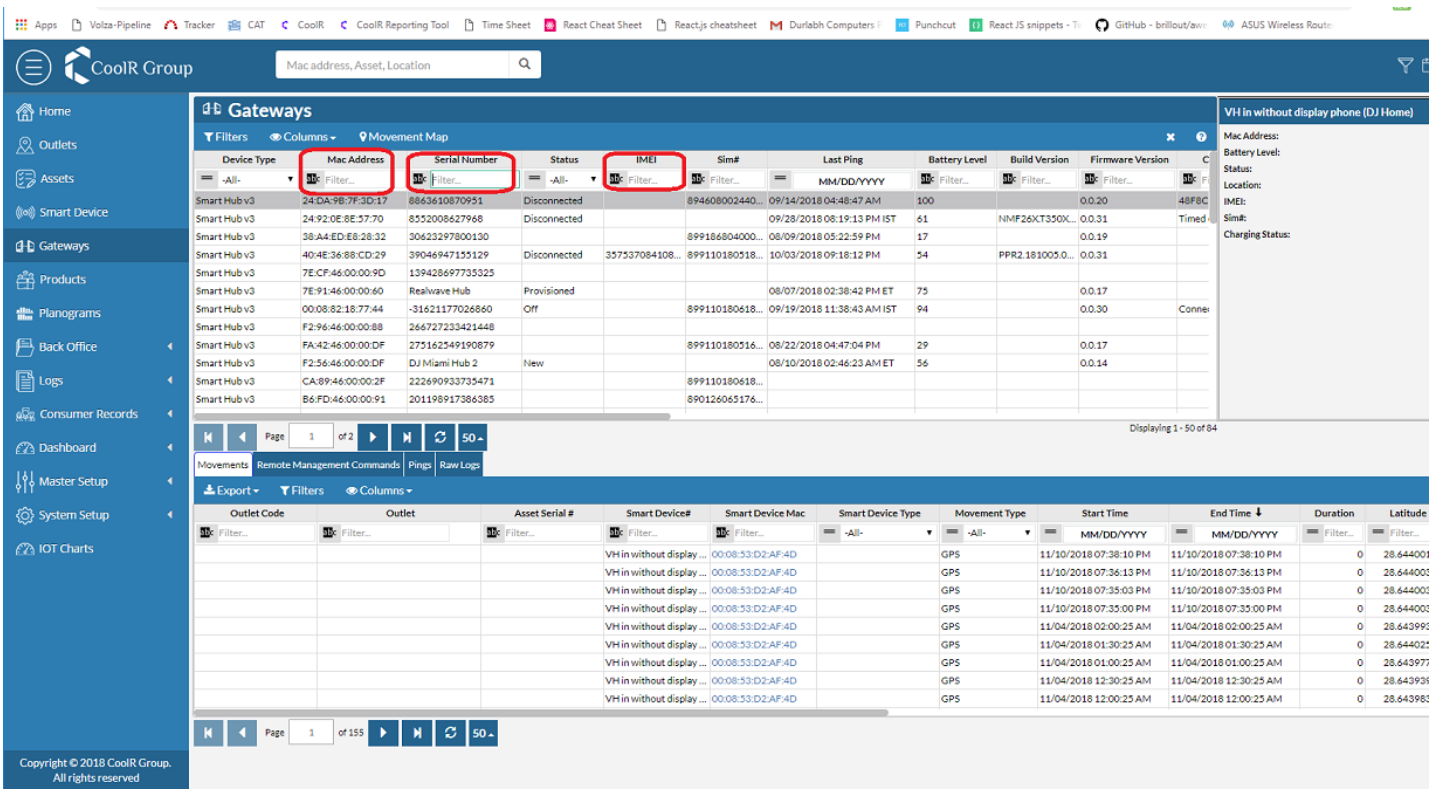


2. Using Screws: - It has screw option too for holding it on one place.

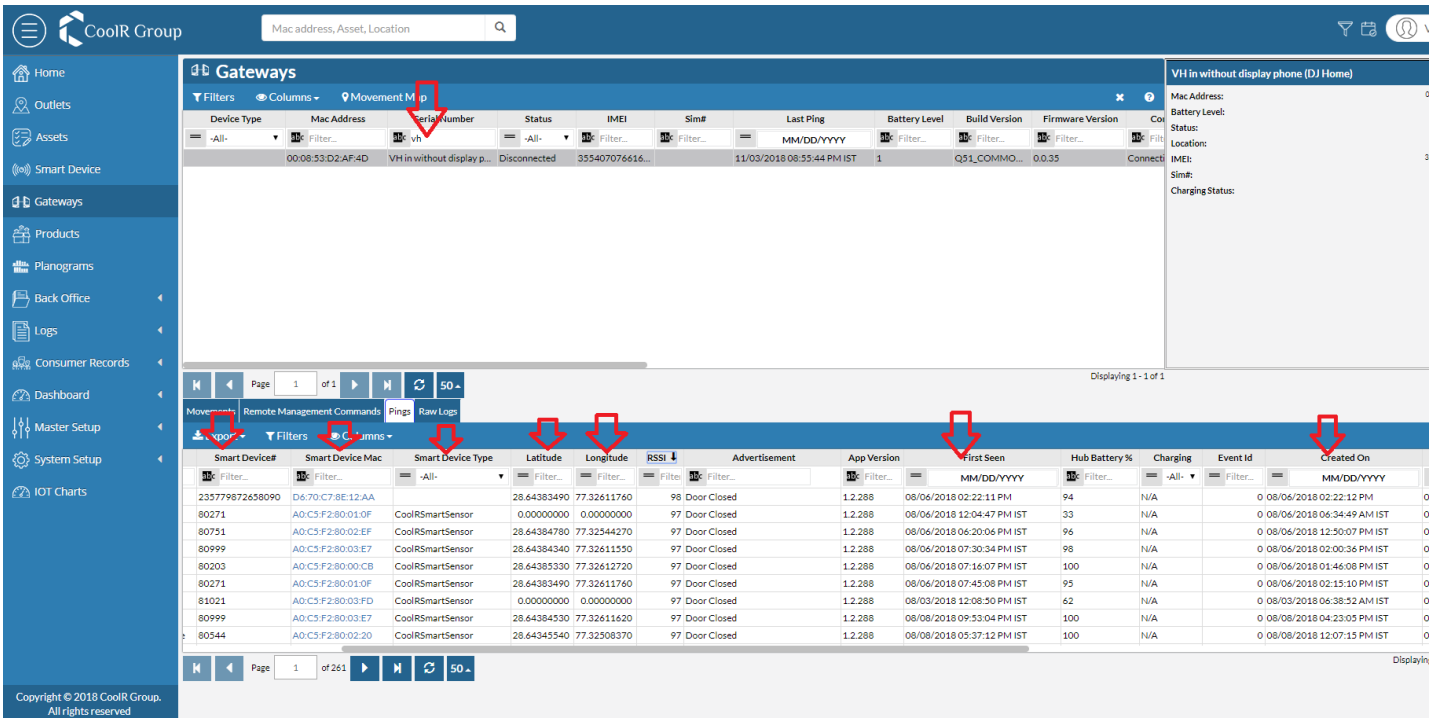
Validating Data

Web

1. Log In: - User can login with the credentials provided by Admin.
2. Finding Your Device: - We can see our Device with the help of Serial# No./ MAC Address / IMEI on CoolR Dashboard. Just apply a filter on Serial Number, IMEI or Mac Address on Gateway Screen.
   Dashboard URL: dashboard2dev.coolrgroup.com

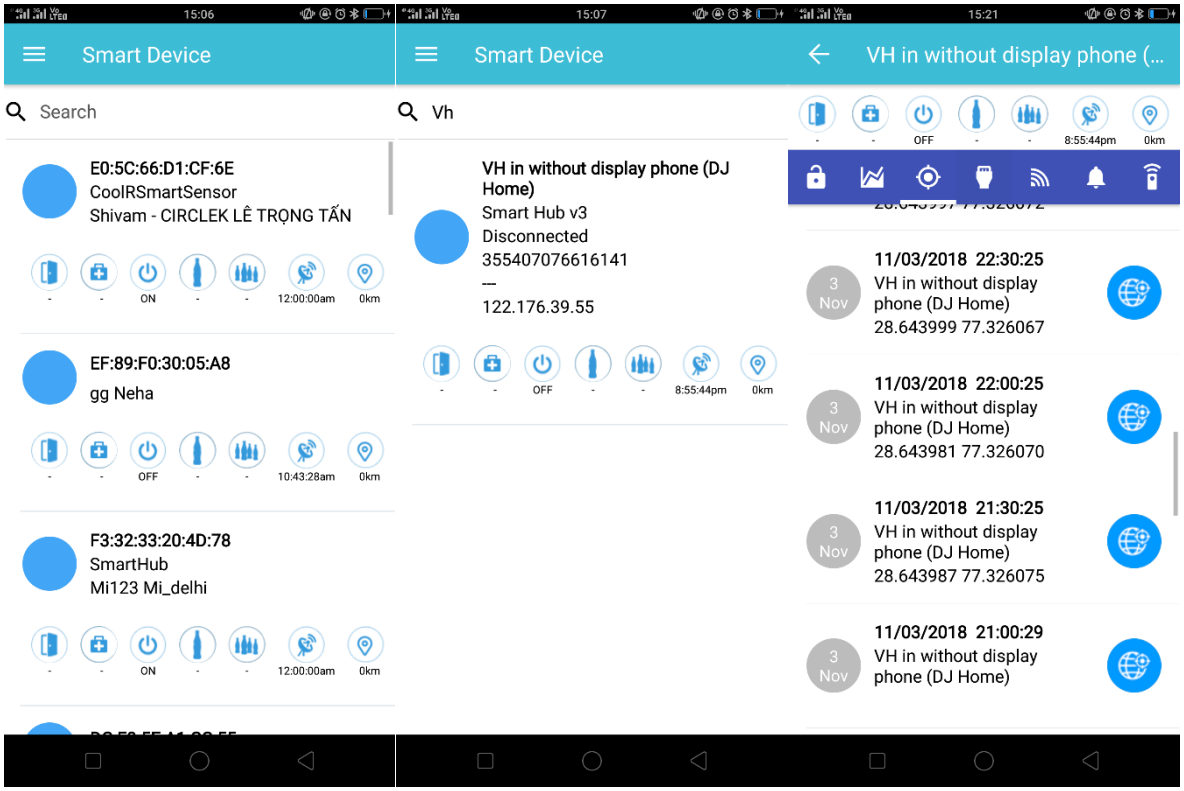


3. Verifying Pings: - After selecting our device, we can see the data on Child Table on Gateway Screen.



Mobile

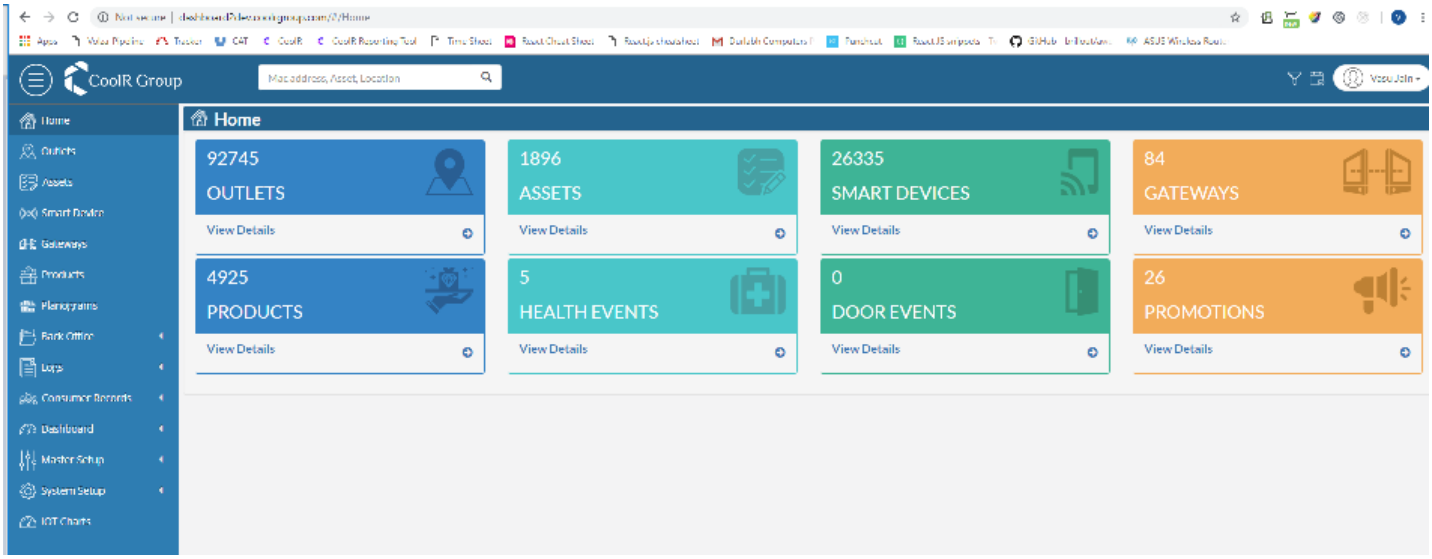
1. Log In: - We need RN App “Mobile App Version” to logging in. We can use same credentials which we have used in Web Dashboard.
2. Finding your Device: - After log in, select the Smart Device option from Menu Bar.
3. Verify Pings: -



Remote Management (from CoolR Dashboard)

Web

1. Options: - We have an option to manage our device remotely from Dashboard- http://dashboard2dev.coolrgroup.com . We can access our device and check and validate the data as well. We can add or delete the Asset / Client / user / Outlets / products /Assign the roles as well. Also we can set Planograms and check the Consumer Records as well.



2. Validate: - We can validate the data of Pings / Connectivity / Door Events / can check and upload Images from Vista / can check Latitude and Longitude of Location, it will change through GPS system which are installed in our device.

Mobile

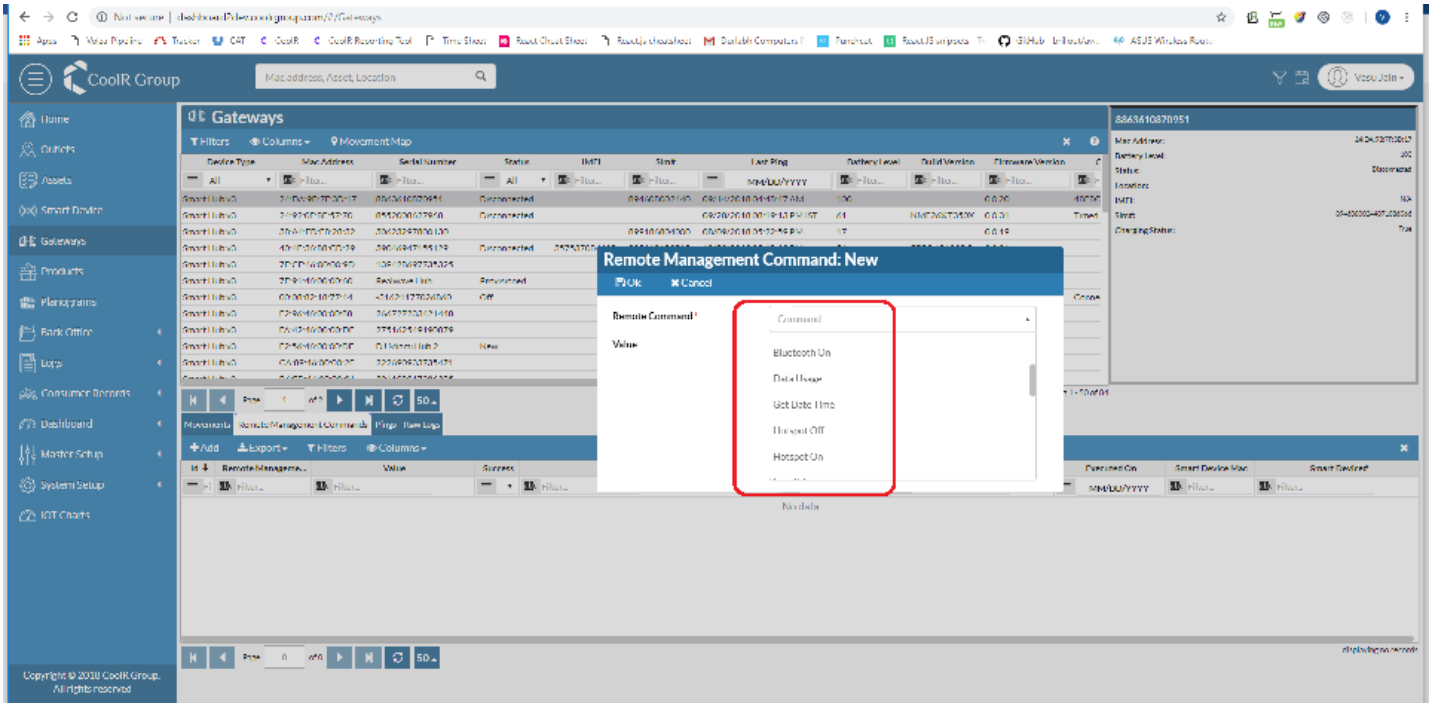
1. Options: - We have an another option to manage our device remotely by using MDM Application. It has android and iOS version as well; we can use either as per our requirement. It has all the functionality for check and Validate the data.

2. Validate: - We can validate the data of pings, check the door status, connectivity, Remote Commands status, Battery Status, Get Date and Time status and also can check the status of Install and Uninstall Application by using Remote commands.

Remote Commands

We can change settings from Remote Command like Enable or Disable Wi-Fi / Enable or Disable Bluetooth / Install or Uninstall Application as many more options are listed below: -

- ADB Enable or Disable
- App Data Usage
- Data Usage
- Bluetooth ON/OFF
- Get Date and Time
- Hotspot ON/OFF
- Install and Uninstall App
- Kill App
- Wi-Fi Enable and Disable
- Wi-Fi Scan
- Launch App
- Reboot
- Take Screenshot
- Update App
- Update Config
- Upload Logs


CoolR Group
Gateways
Remote Management Command: New
Ok
Cancel
Remote Command
Value
Bluetooth On
Data Usage
Get Date Time
Hotspot Off
Hotspot On