VYPIN™

User Manual for

VP150 Series of Products

November, 2017

Overview

This User Manual is for Vypin VP150 series of Asset Tracking Devices. Each is a dual frequency, Bluetooth LE device containing a receiver operating within a bandwidth of 902 MHz to 928 MHz. All units are powered by an internal battery. Customers can purchase VP150 series tags via email (sales@vypin.com or info@vypin.com), directly through the company website (www.vypin.com), or through a sales representative. VP151 can be purchased through a solution set package with other security features from DataComm.

Picture of VP150 (front):

Picture of VP150 (back):

Note: Each of the other models have the same casing as VP150.

Industries / Applications

- VP150 – asset tracking, personnel compliance, access, work in progress (WIP).
- VP150NFC - warehouse management, asset tracking, personnel compliance, WIP, create pallet load manifest.
- VP151 – for high valued assets.
- VP155NFC - warehouse management, asset tracking, personnel compliance, WIP, create pallet load manifest.
- VP155 – warehouse management, asset tracking, personnel compliance, access WIP with alarm/beeper.
- VP156 – hand washing compliance.

Customer Benefits

- VP150 – provides customers with near real-time inventory, increased security, visibility of asset utilization, and operational intelligence.
- VP150NFC - provides customers with near real-time inventory, increased security, visibility of asset utilization, and operational intelligence. The NFC standard specifies a way for the devices to establish a peer-to-peer (P2P) network to exchange data. After the P2P network has been configured, another wireless communication technology, such as Bluetooth or Wi-Fi, can be used for longer range communication or for transferring larger amounts of data.
- VP151 – provides customers with near real-time inventory, increased security, visibility of asset utilization, and operational intelligence.
- VP155NFC - provides customers with near real-time inventory, increased security, visibility of asset utilization, and operational intelligence. The NFC standard specifies a way for the devices to establish a peer-to-peer (P2P) network to exchange data. After the P2P network has been configured, another wireless communication technology, such as Bluetooth or Wi-Fi, can be used for longer range communication or for transferring larger amounts of data.
- VP155 – provides customers with near real-time inventory, increased security, visibility of asset utilization, and operational intelligence.
- VP156 – provides customers with near real-time compliance of hand washing requirements.

Tracking of Tags

Vypin tags are tracked using the Vypin application on the following devices: (iOS – 9.3 or newer), (Android – 4.4 or newer).

Installation Process

Customers should download the Vypin Overpass Mobile App and the Vypin Overpass Chill App using the instructions available within the Support & Knowledge Center on the company website (www.vypin.com).

The VP150, VP151, and VP155 tags can be placed on a customer's asset without intruding on the external side of the container / asset. VP150NFC and VP155NFC must be able to read NFC. VP156 must be visible to other readers. Following are the tools to install the tag on the asset:

- VP150 – secure by a lanyard, key chain, or mounting tape.
- VP150NFC – secure by a lanyard, key chain, or mounting tape.
- VP151 – secure by a lanyard, key chain, or mounting tape.
- VP155NFC – secure by a lanyard, key chain, or mounting tape.
- VP155 – secure by a lanyard, key chain, or mounting tape.
- VP156 – secure by a lanyard, key chain, or mounting tape.

Sync Tags with Vypin Applications

- There is no special sync needed. The Vypin OverPass Mobile App will need to have gateway mode turned on, once activated the gateway will provide tag info to the cloud. The following steps should be used to turn on gateway mode on the Vypin OverPass Mobile App: (1) Open the App, (2) Press the setting button, (3) Tap the toggle next to Gateway Mode to turn it on. Once done, the Vypin OverPass Mobile app will start to provide tag info to the cloud via the mobile internet connection.

FCC ID: 2ALIWVP150

IC: 23227-VP150

VP150, VP150NFC, VP151, VP155NFC, VP155, VP156

These devices comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) These devices may not cause harmful interference and
(2) These devices must accept any interference received, including interference that may cause undesired operation.

Important Notice: Changes or modifications made to these devices not expressly approved by Vypin, LLC could void the Customer's authority to operate these devices.

Industry Canada Notice to Users:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.