



Document: Onvation Hub Manual

Manufacturer: Kimberly-Clark Global Sales, LLC (Kimberly-Clark Corporation)

Date: 2019-01-21

I. Intended Use and Installation

This device is intended to be used as a wireless gateway that monitors remote external sensors and relays data to a remote server. It is intended to be installed in public washrooms.

It contains some of the following features:

- 2.4GHz wireless technology
- LTE, UMTS, and GSM technology
- Power-over-Ethernet (PoE)
- Audio speaker and microphone
- Thermal pixel array imaging system

II. Radios

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.

Changes or modifications not expressly approved Kimberly Clark could void the user's authority to operate the equipment.

This device must not be co-located or operating in conjunction with any other antenna or transmitter.

The radio module may only be combined with other radios in a host when following current FCC guidance for integration of multiple radios.

The module is for integration with host products of the grantee of the module only. It must be integrated in a way maintaining a separation distance between the antenna in the module to all metallic housings or other PCBs of at least 1 cm

This device complies with Industry Canada license-exempt RSS 210. 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.

Cet appareil est conforme avec Industrie Canada exempts de licence standard RSS 210. Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas provoquer d'interférences et (2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l'appareil.

FCC: 2AQVA-ONVAHUB51914

IC: 24318-ONVHUB51914

This equipment contains the following radios:

Cellular: Telit LE910C1-NA

FCC ID: RI7LE910C1NA

IC ID: 5131A-LE910C1NA

Bluetooth: Nordic nRF52832; Bluetooth 4.0 LE

This equipment may contain the following radio if indicated on its labeling.

Zigbee – Digi Xbee-PRO S2C

FCC ID: MCQ-PS2CTH

IC ID : 1846A-PS2CTH

III. Unintentional Radiator Conformance

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.