

Qolsys IQ4 Hub

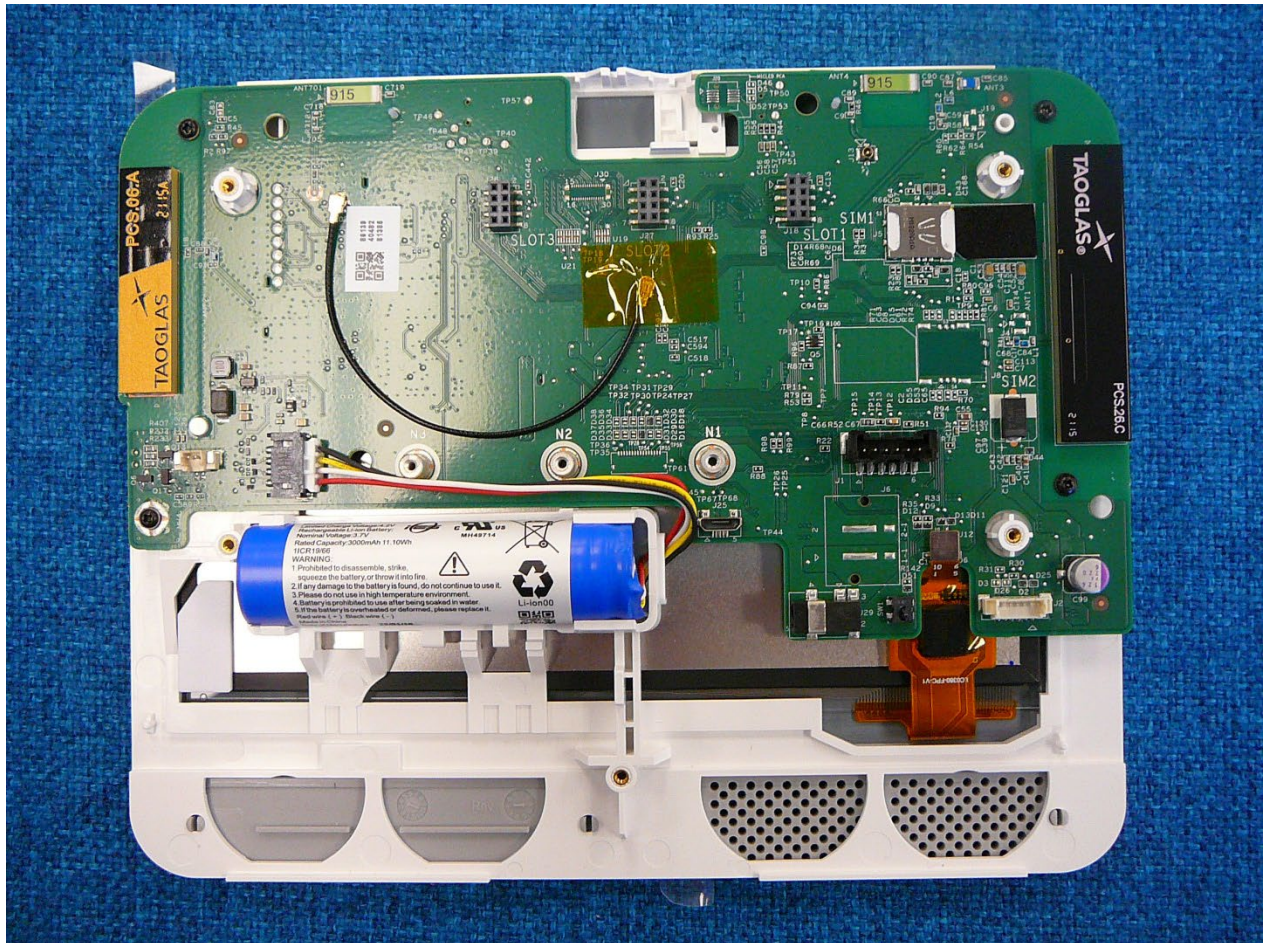


General Applications:

The Qolsys IQ4 Hub features the Quectel Wireless module Model SC650T-NA with FCC ID: XMR2019SC650TNA providing cellular connections (E-UTRA-FDD) Bands 2, 4, 5, 7, 12, 13, 14, 25, 26 and 66. The Quectel module incorporates also provides WiFi 2.4 / 5 GHz and Bluetooth Low Energy 4.2 support. A main antenna and Diversity antenna are embedded on the Qolsys MB to support these features. Additionally the Qolsys IQ4 Hub includes a Zwave Daughtercard with EFR32ZG14 modem for air connection to compatible Z-wave Devices at the 908.4, 908.42 and 916 MHz for North America Market and includes an embedded Antenna. These antennas are not removable and are not designed to be modified.

Installation and Operation:

The module has three simple 8 pin receptacle interface for connections to other modules such as PowerG, Zigbee and other Security Radios. One slot is used for Zwave, resulting in only two additional available slots. These additional modules are optional and will provide their own Antennas and FCC Licenses.



The built in Z-Wave operates at 908.4, 908.42, 916, 919.8 and 921.4 MHz with an output power up to - 2.8 dBm. Data and protocol specifications are beyond the scope of this document. Please contact Qolsys for the technical specifications.

FCC Compliance (Declaration of Conformity):

FCCID: 2AAJXQS-IQP4Z

Tradename: Qolsys

Model Number: IQ4 Hub



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 27 cm between the radiator & your body.

Industry Canada Statement of Compliance:

IC: 11205A-QSIQP4Z

HVIN: IQ4 Hub

- ❶ This device complies with Industry Canada license-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.
- ❶ 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, même si le brouillage est susceptible d'en compromettre le fonctionnement.
- ❷ This Class B digital apparatus complies with Canadian ICES-003.
- ❷ Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.



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- ③ This device complies with RSS-247 of Industry Canada. Operation is subject to the condition that this device does not cause harmful interference.
 - ③ Cet appareil est conforme à la norme RSS-247 d'Industrie Canada. L'opération est soumise à la condition que cet appareil ne provoque aucune interférence nuisible.
 - ④ This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter, except tested built-in radios.
 - ④ Cet appareil et son antenne ne doivent pas être situés ou fonctionner en conjonction avec une autre antenne ou un autre émetteur, exception faites des radios intégrées qui ont été testées.
 - ⑤ The County Code Selection feature is disabled for products marketed in the US/ Canada.
 - ⑤ La fonction de sélection de l'indicatif du pays est désactivée pour les produits commercialisés aux États-Unis et au Canada.

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 27 cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 27 cm de distance entre la source de rayonnement et votre corps.

Warranty Information:

IMPORTANT! Changes or modifications not expressly approved by Qolsys Inc. will void the user's authority to operate the equipment, as well as warranty for the product.