



# CH4G Tracker User Manual

For more information please visit our website at  
<http://www.cloudhawk.com>

# Notice

**1.FCC compliance statement:** Your CloudHawk 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. Changes or modifications to the CloudHawk device not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The CloudHawk device 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. The device generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures: (1) reorient or relocate the receiving antenna; (2) increase the separation between the device and receiver; (3) connect the device into an outlet on a circuit different from that to which the receiver is connected; and (4) consult the dealer or an experienced radio/TV technician for help.

**2.Canadian compliance statement:** Your CloudHawk 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. This Class B digital apparatus complies with Canadian ICES-003. Changes or modifications to the CloudHawk device not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Important:** It is the user's responsibility to ensure that the use of CloudHawk services complies with the applicable laws in the country of usage. Spark Technology Labs Inc. is not responsible for the user's violation of any of the respective laws or regulations. For more information: Visit the CloudHawk website ([www.cloudhawk.com](http://www.cloudhawk.com)) for the latest updates and additional information on any of the CloudHawk family of products. Our Terms of Service are made available and maintained on the website regularly.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

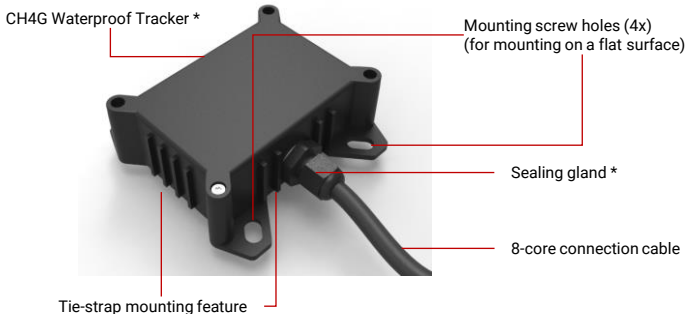
Cet appareil est conforme aux CNR exemptes de licence d'Industrie Canada . Son fonctionnement est soumis aux deux conditions suivantes :

( 1 ) Ce dispositif ne peut causer d'interférences ; et

( 2 ) Ce dispositif doit accepter toute interférence , y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

Le dispositif a été conçu pour répondre à la demande générale de radioexposition.

## Hardware Overview



\* **WARNING:** Please do not open the tracker or tamper the gland as this may compromise the waterproofing capability of the device and will void the warranty

## Wire Connection

**NOTICE:** The CH4G tracker comes as a fully functional tracking device and only needs a connection to a 12~24V DC power for battery charging. If you are interested in connecting to external sensors, such as temperature sensor, door sensor, etc., please contact an authorized installer for installation service. Please contact CloudHawk customer service at 1-844-344-9955 to find an authorized installer close to you.



Wire Color	Connect to
Red	Positive of a 12~24V DC source
Black	Negative of a 12~24V DC source
Brown	(optional) Ignition wire of your vehicle or equipment to detect ignition status
White	(optional) Door sensor to detect the door open/close of your vehicle or trailer
Green	(optional) Your choice of temperature sensor, humidity sensor or cargo sensor and more
Blue	
Yellow	
Grey	(optional) Sensor ground

## Specification

Dimensions	96.3 mm × 94.2 mm × 33 mm
Weight	290 g
Battery	5200 mAh Lithium-Ion
Power supply	12~24V DC
Cellular technology	Quad-band GSM/GPRS LTE-M NB-IOT
Connectivity	Bluetooth 5.0 Low Energy
Positioning	A-GPS
GPS sensitivity	-161dBm (radiated, tracking)
GPS accuracy	3m (in good GPS signal condition)

Designed by SparkTechLabs in Canada