CalAmp STAG09XT iOn Tag User Manual

CalAmp
THE New **How**

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STAG 09XT

Contents

Operation manual

Clamp's STAG09XT has been developed to work alongside the tracking and monitoring devices. They can report presence/absence as well as the data for alert notifications (temperature & proximity). The logging checks and stores temperatures every 60 seconds to local memory. When in the range of a compatible device, the logged data is communicated to our server for storage, visualization, and analysis.
Installation of the STAG09XT is via a 3M adhesive backing which provides a strong attachment to plastic and metal assets. Each STAG09XT has a unique identifier that is presented as a number and a barcode on its label. Association is completed by scanning this barcode and entering details regarding the asset.
The STAG09XT can also be coupled with a Type T Thermocouple to obtain additional temperature readings – ranging between -270c to 400c.
The STAG09XT communicates via a proprietary protocol over 2.4GHz, with a Tx power of 0dBm. The range is 20m indoors, and 80m outdoors (LOS). The STAG reporting interval is every 5 seconds, and the logging frequency is 15 minutes, which provides a 30-day logging buffer. The temperature accuracy is sub 1 degree C (NIST

traceable).

Regulatory Information

Human Exposure Compliance Statement Pursuant to 47 CFR § 15.247 (i) of the FCC Rules and Regulations, personal communications services (PCS) equipment is subject to the radiofrequency radiation exposure requirements specified in § 1.1307(b), § 2.1091 and § 2.1093, as appropriate.

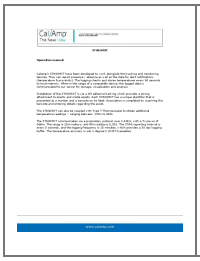
CalAmp Wireless Networks Inc. certifies that it has determined that the STAG09XT complies with the RF hazard requirements applicable to broadband PCS equipment operating under the authority of 47 CFR Part 15, Subpart C of the FCC Rules and Regulations. This determination is dependent upon installation, operation, and use of the equipment in accordance with all instructions provided.

FCC Rules and Industry Canada (IC) regulatory information Compliance Statement (Part 15.19) The equipment 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. Warning (Part 15.21) Changes or modifications not expressly approved by Calamp Wireless Networks could void the user's authority to operate the equipment. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Compliance Statement (Part 15.105(b)) 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.
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.

Class B digital device notice "CAN ICES-3 (B)/NMB-3(B)" RF Radiation Exposure Statement This equipment complies with the FCC/IC radiation exposure limits set forth for mobile transmitting devices operating in an uncontrolled environment. End-users must follow the specific operating instructions to satisfy RF exposure compliance. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

www.calamp.com

Documents / Resources

	CalAmp STAG09XT iOn Tag [pdf] User Manual TAG09, APV-TAG09, APVTAG09, STAG09XT iOn Tag, iOn Tag, Tag