



Tamper Detector Active-Tag

RFID Active Tags
SIM-RFID



The Tamper Sensor Active-Tag features an optical detector on the back of the case to detect if the tag has been removed from the asset (Status Light = On) or if the tag is remaining on the asset (Status Light = Off). The tamper status remains ON until cleared by the system administrator.

Very little quantity of light triggers the sensor, which makes it impossible to remove from the asset without detection.

An optional 3M Very High Bondage double side adhesive can be provided with the tag in order to facilitate the attachment to the asset in case the holes could not be used.

The Tamper Sensor Active-Tag features the same characteristics as the regular INGECOM Active-Tag. The specific Near-Field interface allows for the wake-up, configuration and ID retrieval of the unique ID. The 2.45 GHz operation features a very broad range of non line-of-sight communication.



The small case features two mounting holes in order to be bolt directly on an asset. The ABS plastic case has an IP40 rating protection. An optional front sticker can be placed on request during the injection molding process in order to maintain the integrity of the label.

Features

Dimension, case	48.5 x 62.5 x 4 mm ; ABS; Color Gray or on demand
Mounting holes	diameter 3mm
Protection rating	IP40
Coverage Range	Up to 125000m2 free space, Up to 3000 m2 indoor
Operating Frequency	ISM Band 13.56 MHz and/or 2.45 GHz
User Configuration	Read Only or Read-Write 128 Bytes
Battery lifetime	6 years @ 4s beacon rate, RO, over full temperature range
Operating Temperature	-20°C to +70°C

Beacon Rate configurable from 1s to 30s
Tag Talk First or Reader Talk First mode

Compliance

Frequency	2.400GHz ~ 2.483GHz worldwide unlicensed ISM band
Temperature	IEC 60068-2-14 (Na) - Operating -20°C~70°C; Storage -30°C ~ 85°C
Vibration	IEC 60068-2-64 - Test Fh
Free Fall	IEC 60068-2-32 part2 - Test Ed
Regulation	ETS300-440 Rx Class 3; Tx Class 8; Duty cycle Class 2
Safety	EN50364: 2001 (Limitation of human exposure to EM fields)

Chemin des Vergers 4
Case postale 347
2520 La Neuveville
Switzerland

N° RCS 645-4098573-2 - TVA 621 958
Banque Cantonale Neuchâteloise
Iban CHF CH76 0076 6000 K352 8243 3
SWIFT BCNCH22

info@ingecom.ch
www.ingecom.ch
Tel : +41 (0)32 752 33 00