Hi-G-Tek

DataTag – Application On Object

-User Instructions-

1. Warnings and Cautions

The FCC Wants You to Know

This equipment (FCC ID: OB6-IGDT44916) 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 device complies with Part 15 of 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 that may cause undesired operation.

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:
a) Reorient or relocate the receiving antenna.
b) Increase the separation between the equipment and receiver.
c) Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
d) Consult the dealer or an experienced radio/TV technician.

FCC Warning

Modifications not expressly approved by the manufacturer could void the user authority to operate the equipment under FCC Rules**.**

Instructions concerning human exposure to radio frequency electromagnetic fields:

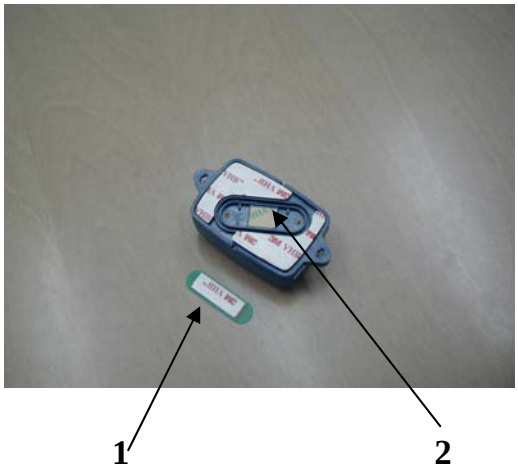
A distance of at least 20cm. between the equipment and all persons should be maintained during the operation of the equipment.

2. Introduction

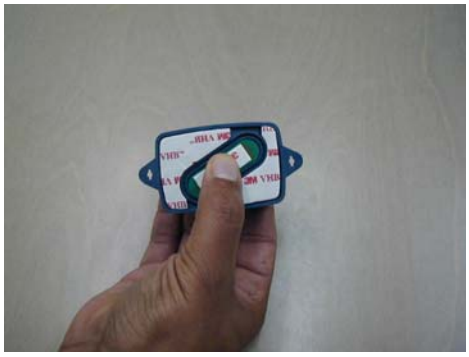
The DataTag uses active RFID(Radio Frequency Identification) wireless monitoring technology and includes a transmitter/receiver unit, read/write capability, real-time clock, memory and sensing circuitry to detect any attempt at tampering with the tag.
It uses two RF channels (L.F, H.F) for communication: In low-frequency short-range mode (125 KHz) the DataTag logs and communicates data through a handheld terminal /microreader. In High frequency long-range mode (916MHz or 433MHz) the DataTag logs and communicates data through a Data Reader (long-range monitoring and automatic Data collection)

3. Installation Instructions

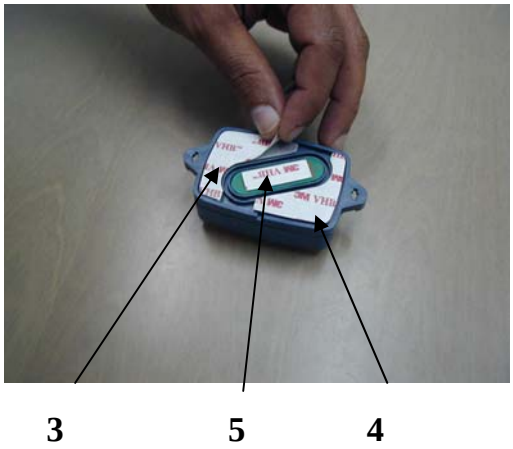
The DataTag is delivered with a set of double-sided tapes that are used for placing the DataTag on the tagged object.
The Sensor Plate (item #1) is supplied separately from the DataTag.
To place the Sensor Plate peel the paper from the double-sided tape (item #2) and place the Sensor Plate in its place.



Press the sensor Tape to create the contact between the tape and the sensor Plate.
Make sure the contacts at the bottom part of the plate are aligned with the pins.



Peel the paper from the three pieces of double-sided tape: The two larger pieces (Items #3 & #4) are used for holding the DataTag to the tagged object while the smaller piece in the middle (Item #5) are used for pulling the Sensor Plate off the DataTag in order to create the TAMPER event when the DataTag is removed from the tagged object.



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Placing the DataTag on the vehicle

Note: The Installation instructions refer to the case when the DataReader is installed VERTICALY.There are two preferred orientations for placing the DataTag on the vehicle:

Horizontal Orientation:

Place the tag on a flat surface that is completely horizontal and press firmly to create good contact between the DataTag and the tagged object.

Vertical Orientation

Place the DataTag on a flat surface that is completely vertical and press firmly to create good contact between the DataTag and the Tagged object.
It is recommended that the height of the DataTag above ground will be above 3’ and the optimal height is 5’ above ground.