



SensOn™ 3x Smart Sensor User Guide

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1.0 Overview

The SensOn™ 3x Smart Sensor detects objects and reports characteristics of the detected objects such as presence, distance, angle, and speed.



SensOn™ 3x Sensor

The SensOn™ 3x Sensor is the intellectual property of Delta Mobile Systems, Inc.

2.0 Setup and Operation

2.1 Placement

For optimal performance, the SensOn™ 3x should be placed in a fixed position. The back of the SensOn™ 3x housing features mounting holes for this purpose.

Orient the SensOn™ 3x such that the housing surface with the Delta Mobile Systems logo is directed toward the area of interest to be monitored.

2.2 Standalone or Connect to Host System

The SensOn™ 3x may operate as a standalone monitoring system or it may be connected to a host system via Delta Mobile Systems' Control Unit.

When objects are detected and/or have measured characteristics within certain parameters, the SensOn™ 3x can alert users via LEDs, audible signals, or other similar warning techniques. For example, if an object is detected within a specified distance, the SensOn™ 3x can output an alert.

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2.3 Power On

Supply 12VDC power to the SensOn™ 3x.

The SensOn™ 3x will turn on and automatically begin monitoring the coverage area for objects that are within pre-set parameters, such as distance criteria.



3.0 Regulatory Notices

3.1 Federal Communication Commission (FCC)

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.

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 radiated 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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 20cm between the radiator & your body.

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3.2 IC Warning Statement

This device complies with Industry Canada licence-exempt RSS standard(s).

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.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

1. le dispositif ne doit pas produire de brouillage préjudiciable, et
2. ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Radiation Exposure Statement:

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with greater than 20cm between the radiator and your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à plus de 20 cm entre le radiateur et votre corps.