



Smart Wave Technologies B01-007A Module User Guide

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SmartWave
Technologies

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**B01-007A
User Manual
Revision 2.1**

January 18, 2022

NOTICE TO READERS

SMART WAVE TECHNOLOGIES CORP.

CONFIDENTIAL

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PRODUCT DESCRIPTION

The B01-007A is a bait station data capture device used to detect rodents and insects that have entered the bait station and timestamp when the event occurred. The device uses a capacitive touch pad connected to capacitive touch sensor IC configured with customized filtering to provide information to the controller, which in turn uses a proprietary filtering algorithm to isolate events and detections. This information is passed to a mobile phone app, via Bluetooth, which will upload the information to a cloud server.

PRODUCT INSTALLATION

The B01-007A is installed in a plastic housing and sonically welded to provide complete protection from the various installation environments and rodents. A CR-123 battery must be connected to the B10-007A before installation into plastic housing

PRODUCT OPERATION

Once powered, the device will advertise for 30 seconds before going to sleep. Tapping the sensor pad a few times will wake the device up and it will again advertise for 30 seconds before going back to sleep. This operation will happen for device that are unregistered (Factory Mode).

For devices that are registered and installed in the field, the device will continually advertise every 1.5 seconds

REGULATORY INFORMATION

CANADA

ISED Regulatory Statements

IC: 24934-B01007

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

CAN ICES-3 (B)/NMB-3(B)

Regulatory information in the App can be accessed from the main screen (Dashboard) by performing the following steps:

- (1) Access the Site Menu (upper left corner of the App screen)
- (2) Select "About Us" from the Site Menu
- (3) Tap the button labeled "Regulatory"

USA

FCC Regulator Statements

FCC: 2ASYW-B01007

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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 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.

NOTICE:

End user must include the following on the label of the end product

Contains:

FCC ID: 2ASYW-B01007


IC: 24934-B01007

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Documents / Resources

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