

Smart Wave Technologies B01-007B Module User Manual

[Home](#) » [Smart Wave Technologies](#) » Smart Wave Technologies B01-007B Module User Manual 



SmartWave
Technologies

Contents

- [1 B01-007B User Manual Revision 2.1](#)
- [2 January 18, 2022](#)
- [3 PRODUCT DESCRIPTION](#)
- [4 PRODUCT INSTALLATION](#)
- [5 PRODUCT OPERATION](#)
- [6 REGULATORY INFORMATION](#)
- [7 Documents / Resources](#)
- [8 Related Posts](#)

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

January 18, 2022

NOTICE TO READERS

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SMART WAVE TECHNOLOGIES CORP.

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PRODUCT DESCRIPTION

The B01-007B is bait station trap detection device used to indicate whether the trap is in an open or closed state and to assign a timestamp for when the trap is detected is closed. The device uses a hall sensor to determine if the trap is closed utilizing a magnet in the trap housing. The B01-007B connects to a mobile phone app, via Bluetooth, to send this information and the phone will upload this to a cloud server.

PRODUCT INSTALLATION

The B01-007B is installed in a plastic housing and sonically welded to provide complete protection from the various installation environments and rodents. A CR-123 or CR2477 battery (housing dependent) must be connected to the B10-007B before installation into plastic housing

PRODUCT OPERATION

Once powered, the device will advertise for 30 seconds before going to sleep. Closing and opening the trap 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

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

This is the Last Page of this Document

01/18/2022

B01-007B User Manual Rev2.1

Documents / Resources

 <small>B01-007B User Manual Revision 2.1 January 18, 2022</small>	Smart Wave Technologies B01-007B Module [pdf] User Manual B01007, 2ASYW-B01007, 2ASYWB01007, B01-007B Module, Module
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