

Aruba AT-BT10 Asset Tracker

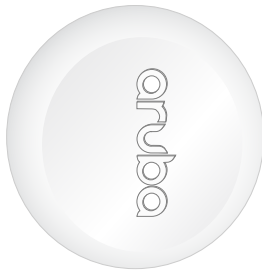
Installation Guide

About the AT-BT10

The Aruba AT-BT10 Asset Tracker location beacon is a Bluetooth low energy (BLE) device capable of providing real-time asset location tracking using Meridian Mobile Engagement tools.

- Features of the AT-BT10 include:
- Highly-accurate asset location identification
 - Low power consumption
 - Easy to deploy, test, and use

Figure 1 AT-BT10 front view



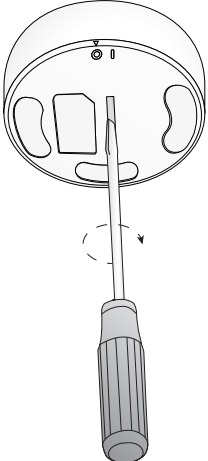
Package Contents

- AT-BT10 location beacon
- Adhesive pads
- Installation guide (this document, printed)

Activation

To activate the AT-BT10, insert a coin or flathead screwdriver into the indentation located at the center of the rear panel and turn counterclockwise until the indicator arrow is aligned with the "I" marking.

Figure 2 Activating the AT-BT10



To deactivate the AT-BT10, rotate the back cover clockwise until the indicator arrow is aligned with the "V" marking.

Installation

Use the adhesive pads to install the device on a flat surface in an indoor environment.

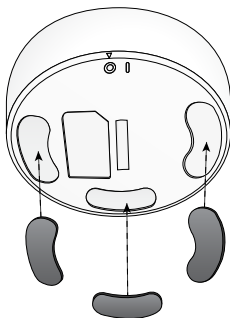
Before installing the device, ensure that:

- the mounting surface is indoor, flat, clean, and dust-free
- it is recommended to clean the surface using a 50/50 Isopropyl Alcohol and water mixture.
- the grooves for adhesive pads on the bottom of the device is dust-free.
- the device is activated

Installation

1. Remove the paper from one side of the adhesive pads to attach them to the three corresponding grooves on the bottom of the device, as shown in Figure 3.

Figure 3 Attaching the adhesive pads



2. Peel off the remaining paper from the pads to attach the device onto a flat surface.

Configuring/Provisioning AT-BT10 Devices

The AT-BT10 devices are configured/provisioned using the Aruba Beacons app. For more information, see http://docs.meridianapps.com/developers/beacons_app

Product Specifications

Physical

Device dimensions

- Diameter: 34mm
- Height: 11mm

Electrical

- Power Supply: One CR2032 coin battery
- Coin battery capacity: 225 mAh
- Voltage: 3 V

RF Performance

- Tx = -23 dBm to 0 dBm (23 dB dynamic range)
- Rx sensitivity = Approximately -90 dBm (1 Mbps)
- Working Frequency range: 2402-2480MHz
- Operation temperature: 0 °C to 50 °C

RF Radiation Exposure Statement: This equipment complies with FCC RF radiation exposure limits. This equipment should be installed and operated with a minimum distance of 7.3 inches (20 mm) between the radiator and your body for 2.4 GHz operation. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Safety and Regulatory Compliance

Refer to the following sections for safety and regulatory information for the AT-BT10.

Regulatory Model Names

The regulatory model name for the AT-BT10 is ARBT0201.

For complete regulatory model information, refer to the label located on the back panel of this device.

RFC Class B Part 15

This device complies with Part 15 of the Federal Communications Commission (FCC) Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- 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 radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instructions, may cause interference harmful to radio communications.

If this equipment does cause interference, 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 to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or TV technician for help.

Canada

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that necessary for successful communication.

This device complies with Industry Canada license-exempt RSS standards. Operation is subject to the following two conditions:

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

Complies with the Class B limits for radio noise emissions as set out in the interference-causing equipment standard entitled "Digital Apparatus," ICES-003 of Industry Canada.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

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

EU Regulatory Conformance

This product is CE marked according to the provisions of the R & TTE Directive (1999/5/EC) - CE. Aruba Networks Inc., hereby declares that the ARBT0100 device model is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC - CE. The Declaration of Conformity made under Directive 1999/5/EC is available for viewing at the following location: <http://support.arubanetworks.com>

European Union RoHS

Aruba products also comply with the EU Restriction of Hazardous Substances Directive 2011/65/EC (RoHS). EU RoHS restricts the use of specific hazardous materials in the manufacture of electrical and electronic equipment. Specifically, in restricted materials under the RoHS Directive are Lead (including Solder used in printed circuit assemblies), Cadmium, Mercury, Hexavalent Chromium, and Bromine. Some Aruba products are subject to the exemptions listed in RoHS Directive Annex 7 (Lead in solder used in printed circuit assemblies). Products and packaging will be marked with the "RoHS label" shown at the left indicating conformance to this Directive.

Proper Disposal of Aruba Equipment

Waste of Electrical and Electronic Equipment

Aruba products at end of life are subject to separate collection and treatment in the EU Member States, Norway, and Switzerland and therefore are marked with the symbol shown at the left (crossed-out wheeled bin). The treatment applied at end of life of these products in these countries shall comply with the applicable national laws of countries implementing Directive 2002/96/EC on Waste of Electrical and Electronic Equipment (WEEE).



China RoHS

Aruba products also comply with China environmental declaration requirements and are labeled with the "EUFP 10" label shown at the left.



RoHS 2.0 Material Declaration

物質名稱 Substance	在產品中被檢測出之量 Amount detected in product					
	鉛 Pb	汞 Hg	鎘 Cd	六價鉻 Cr(VI)	多環芳烴 PAHs	壬基錫 TBB
RoHS 2.0	×	×	×	×	×	×

1. 本產品符合RoHS 2.0指令之要求，即產品中不含鉛、汞、鎘、六價鉻、多環芳烴、壬基錫等有害物質。
2. 本產品符合RoHS 2.0指令之要求，即產品中不含鉛、汞、鎘、六價鉻、多環芳烴、壬基錫等有害物質。
3. 本產品符合RoHS 2.0指令之要求，即產品中不含鉛、汞、鎘、六價鉻、多環芳烴、壬基錫等有害物質。
4. 本產品符合RoHS 2.0指令之要求，即產品中不含鉛、汞、鎘、六價鉻、多環芳烴、壬基錫等有害物質。
5. 本產品符合RoHS 2.0指令之要求，即產品中不含鉛、汞、鎘、六價鉻、多環芳烴、壬基錫等有害物質。
6. 本產品符合RoHS 2.0指令之要求，即產品中不含鉛、汞、鎘、六價鉻、多環芳烴、壬基錫等有害物質。
7. 本產品符合RoHS 2.0指令之要求，即產品中不含鉛、汞、鎘、六價鉻、多環芳烴、壬基錫等有害物質。
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本產品符合低功率電波輻射性電機管理辦法：
第十二條 經核准設置合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。
低功率射頻電機之使用不得影響輻射安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信事業法第六條之無線電通信。
低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。



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Contacting Support

Main Site	arubanetworks.com
Support Site	support.arubanetworks.com
Airheads Social Forums and Knowledge Base	community.arubanetworks.com
North American Telephone	1-800-943-4526 (Toll Free) 1-408-754-1200
International Telephones	http://www.arubanetworks.com/support-services/support-program/contact-support
Software Licensing Site	licensing.arubanetworks.com
End of Support Information	http://www.arubanetworks.com/support-services/end-of-life-products/end-of-life-policy/
Security Incident Response Team (SIRT)	http://www.arubanetworks.com/support-services/security-bulletins/

Support Email Addresses

Americas, APAC, and EMEA	support@arubanetworks.com
Security Incident Response Team (SIRT)	sirt@arubanetworks.com

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Open Source Code

Certain Aruba products include Open Source software code developed by third parties, including software code subject to the GNU General Public License ("GPL"), Open Source License ("OSL"), and other Open Source Licenses. The Open Source code used can be found at this site: http://www.arubanetworks.com/open_source

Warranty

This hardware product is protected by an Aruba warranty. For details, see the *Safety, Compliance, and Warranty Information* Guide included with this device.



a Hewlett Packard
Enterprise Company

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