

# Aruba AT-BT10 Asset Tracker

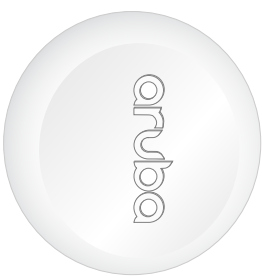
## Installation Guide

### 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



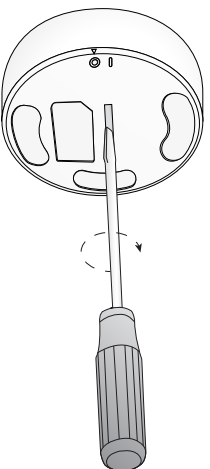
### Package Contents

- 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 "O" marking.

### Installation

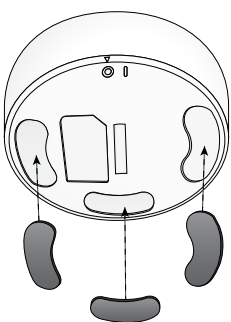
Use the adhesive pads to install the device on a flat surface in an indoor environment. Before installing the device, ensure that:

- the mounting surface is indoor, flat, clean, and dust-free. It is recommended to clean the surface using a solvent with 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 [https://docs.meridianapps.com/developers/beacons\\_app](https://docs.meridianapps.com/developers/beacons_app)

### Product Specifications

#### Physical

- Device dimensions
  - Diameter: 34mm
  - Height: 11 mm

#### Electrical

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

#### RF Performance

- Tx = -23 dbm to 0dbm (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 cm) between the radiator and your body for 2.4 GHz operation. **NOTE:** 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.

#### RFCC 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.

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 豁免聲明

物質名稱 Substance Name	在紅色標識區域內 (RoHS Exemption Area)					
	鉛 Pb	汞 Hg	鎘 Cd	六價鉻 Cr(VI)	多溴聯苯 PBBs	多溴聯萘 PBBS
PCB 類物質 PCB Substances	×	○	○	○	○	○
其他物質 Other Substances	×	○	○	○	○	○

○ 在紅色標識區域內 (RoHS Exemption Area) 內，本產品符合 RoHS 指令 (2002/95/EC) 的要求。  
 × 不在紅色標識區域內 (RoHS Exemption Area) 內，本產品不符合 RoHS 指令 (2002/95/EC) 的要求。  
 Note: The RoHS Exemption Area is marked with a red circle. The RoHS Exemption Area is marked with a red circle. The RoHS Exemption Area is marked with a red circle.

本產品符合低功率電磁兼容性電機管理辦法：第十二條 經數字認證合格之低功率射頻設備，非經許可，公司、商號或使用者均不得擅自增加、修改、更改、變更設計之特性及功能。第十二條 低功率射頻電機之使用不得影響航空安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾為止的繼續使用。低功率射頻電機之無線電發射，應符合合法通信之電磁兼容性電機管理辦法之干擾。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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## Installation Guide



### Contacting Support

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

#### Support Email Addresses

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

#### Copyright

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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 code used can be found at this site: [http://www.arubanetworks.com/open\\_source](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.



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