



T24 BLE Asset Tag

Quick Start Guide

0980-631 REV A

KB Article: 16638

Updated: 2026/04/23



Disclaimer

The information contained in this document is confidential and the exclusive property of Securitas Technology Corporation, its affiliates, and/or their licensors and is intended for the sole use of the purchaser of the products described herein. This document may not be copied, duplicated, reproduced, distributed, or otherwise disseminated in any manner without the express written consent of Securitas Technology Corporation.

Trademark Acknowledgements

AeroScout and MobileView are trademarks of Securitas Healthcare LLC and/or its affiliates. All other names and marks mentioned are trade names, trademarks, or service marks of their respective owners.

© 2026 Securitas Healthcare LLC. All rights reserved. This publication is accurate as of the date of printing.

Contents

INTRODUCTION 4
 What’s in the Box? 4

COMPATIBILITY 5

REFERENCE DOCUMENTATION 6

ACTIVATING THE TAG 7

MOUNTING THE TAG 8

BATTERY REPLACEMENT 9

SETTING UP THE TAG IN MOBILEVIEW 9

TAG SPECIFICATIONS 10

APPENDIX A: ANALYZER SUPPORT 11
 Engine Traffic Log 11
 Tag Statistics Module 12
 Tag/Device Statistics Module 13

APPENDIX B: EDITING TAG MODEL IN MOBILEVIEW 14

WARRANTY 15

Introduction

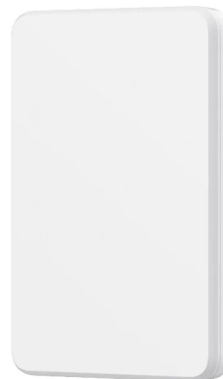
The T24 BLE Asset Tag is a component of Securitas Healthcare's suite of enterprise visibility solutions for location-based applications.

The tag combines ultra-lightweight design with exceptional cost-efficiency, redefining the limits of size and affordability. It is ideal for medical equipment and other hospital asset tracking applications, such as infusion pumps, defibrillators, and portable equipment. This allows for advanced locating, tracking, and monitoring of healthcare equipment for inventory management, preventative maintenance, shrinkage control, recall management, and more.

The tag arrives pre-configured and can be easily deployed using fast activation and mounting.



T24 BLE Asset Tag Front



T24 BLE Asset Tag Back

What's in the Box?

The T24 BLE Asset Tag (SKU: TAG-2400B-FL) is supplied with the following components:

- Tag
- 1x 85mAh Battery (installed)
- 3M VHB double-sided tape (not applied to the Tag)

Compatibility

The following table shows the Software and Hardware Requirements for the T24 Tags:

Components	Version
MobileView	5.7 and above
Engine	5.7 and above
GW3100/GW3000	v1.5.4 and above
GW4000	v1.1.6.1 and above
GW4100	v1.1.1.2 and above

Reference Documentation

The following articles can be accessed by logging into the Securitas Healthcare Support Community site at the following URL: community.securitashealthcare.com/s/.

KB	Document Name
16642	T24 BLE Asset Tag Data Sheet
16646	T24/T25 BLE Asset Tags Release Notes
16638	T24 BLE Asset Tag Quick Start Guide (This doc)
12492	BLE Platform Reference Guide
See KB	Refer to any MobileView Administrator Guide from 5.7 and above
See KB	Refer to any Location Engine Deployment Guide from 5.7 and above

NOTE: To learn how to access the Knowledge Base, scan the QR code or refer to the guide at helpdocs.securitashealthcare.com/kb/kba.pdf.



Activating the Tag

The tags are initially in dormant mode upon arrival. The tag can be easily activated by pulling the plastic tab that keeps the battery disconnected from the tag circuit during shipping and storage.



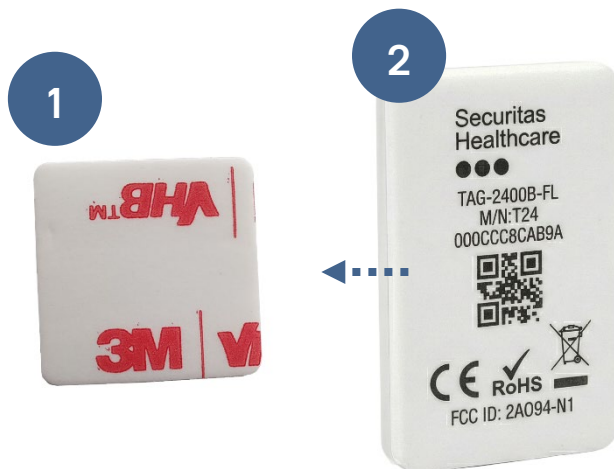
Note the following:

- Once activated, the tag cannot go back into dormant mode.
- Inserting the plastic tab back will power off the tag.
- The Tag cannot be used for Location optimization. Location optimization of the system can be done using T12s/T12sb or T22 Calibration Tags. For more information on the T22 BLE Calibration Tag, refer to the **BLE Platform Reference Guide (KB 12492) – BLE Calibration Tag** section.

Mounting the Tag

The tag can be mounted using the 3M VHB double-sided tape sticker that arrives with the tag.

1. **Place the sticker on the Tag:** Peel the VHB tape from one side of the double-sided sticker. Attach the sticker to the tag.
2. **Mount the Tag:** Peel the VHB tape from the other side and mount it to the asset. Press and hold the tag in place for a minute.





Battery Replacement

The battery replacement procedure for the T24 Tag is not supported by Securitas Healthcare.

Setting up the Tag in MobileView

Once the tag has been activated, the tag will appear in MobileView under the **Tags** tab.

- When using a version of MobileView from 5.8 MR1 and below, the tag will show as Model 'unknown.' You can fix this by following the instructions in [Appendix B: Editing Tag Model in MobileView.](#)
- When using MobileView 5.8 MR2 and above, the tag will show as Model 'T24'.

In MobileView, assign the tag accordingly. For more information on assigning tags, refer to the latest MobileView Administrator Guide.



Tag Specifications

Environmental Specifications

- **Operating and Storage Temperature Range:** -20°C to +60°C (-4°F to +140°F)
- **Humidity:** 0% to 95% RH non-condensing

Physical and Mechanical

- **Dimensions LWH:** 36.5mm x 23mm x 4.7mm (1.4 x 0.9 X 0.18 inch)
- **Weight:** +/- 4.7g (0.16oz) with battery
- **Material:** PC
- **Color:** White

Electrical

- **Battery:** 1 x CR2016 85mAh (3V) replaceable battery
- **Battery Life:** 2 years (Continuous work *)
*Battery life estimated based on standard working mode under 25°C (77°F) conditions.
(65 sec Tx interval | 5 messages upon periodic transmission | no BLE advertisement)

Radio

- BLE 4.2

Range

- **Bluetooth Range:** Up to 160m (554 feet)

Installation

- **Sticker:** 3M VHB double-sided tape

Certification

- **Radio, EMC:**
FCC Part 15, sub-part C class B, sub-part B, EN 300-328, EN 301-489,
RoHS 2 Directive 2011/65/EU, RoHS 2 Directive S.I.2012/3032,
REACH Directive 1907/2006
- **Safety:**
CE

Appendix A: Analyzer Support

This appendix explains how T24 Tags appear and are supported in the Location Engine Analyzer module.

For more information on the Location Engine Analyzer, refer to the latest Location Engine Deployment Guide.

Engine Traffic Log

The tags are supported in the Engine Traffic Log.

The Engine Traffic Log presents tag messages with the following information:

MAC address, RSSI value, Tag Type, battery level, sequence ID, channel number, burst number.

- A burst is shown as '2/15'. The burst value is ignored completely.
- The sequence ID is 85 in all messages
- Every message in the same Tx interval is displayed as received with ~1 sec difference
- Every unique burst of 5 messages is received with ~65 sec Tx interval

Time	Type	Direction	Dev	Dev	Vendor	IP	OpCode	MAC	RSSI	Ch	Seq
22/03/2026 10:57:11.0930		Incoming	2_10	17_1_0	Aruba	192.168.1.1...	0xDB/03 Aruba BLE	00:0C:CC:8E:CF:4E	-61		85
22/03/2026 10:57:11.0930		Incoming	2_4	17_1_0	Aruba	192.168.1.51	0xDB/03 Aruba BLE	00:0C:CC:8E:CF:4E	-78		85
22/03/2026 10:57:11.1000		Incoming	2_3	17_1_0	Aruba	192.168.1.1...	0xDB/03 Aruba BLE	00:0C:CC:8E:CF:4E	-91		85
22/03/2026 10:57:11.1050		Incoming	2_1	17_1_0	Aruba	192.168.1.1...	0xDB/03 Aruba BLE	00:0C:CC:8E:CF:4E	-81		85
22/03/2026 10:57:11.1060		Incoming	2_9	17_1_0	Aruba	192.168.1.1...	0xDB/03 Aruba BLE	00:0C:CC:8E:CF:4E	-65		85
22/03/2026 10:57:12.0980		Incoming	2_10	17_1_0	Aruba	192.168.1.1...	0xDB/03 Aruba BLE	00:0C:CC:8E:CF:4E	-58		85
22/03/2026 10:57:12.1000		Incoming	2_4	17_1_0	Aruba	192.168.1.51	0xDB/03 Aruba BLE	00:0C:CC:8E:CF:4E	-84		85
22/03/2026 10:57:12.1070		Incoming	2_1	17_1_0	Aruba	192.168.1.1...	0xDB/03 Aruba BLE	00:0C:CC:8E:CF:4E	-79		85
22/03/2026 10:57:12.1070		Incoming	2_7	17_1_0	Aruba	192.168.1.1...	0xDB/03 Aruba BLE	00:0C:CC:8E:CF:4E	-88		85
22/03/2026 10:57:13.3460		Outgoing			AeroS...	0.0.0.0	0x00/00 Location Report	00:0C:CC:8E:CF:4E	0		85

The receive ratio can be calculated manually from the traffic log by counting the number of periodic messages received during the recording duration, divided by the Tx interval calculated manually beforehand.

The same can be done per AP (if needed for the analysis), by filtering per the analyzed AP in the traffic log.

Outgoing messages from Aeroscout BLE tags are presented in the Engine in the Vendor column as 'AeroScout'.

In the outgoing location report, devClass field, AeroScout BLE tags have the 'TAGS' value.

Tag Statistics Module

The T24 Tags are supported in the Tag Statistics module. Tag Statistics provide detailed information about tags that participated in the analysis.

The Estimated Interval cannot be calculated since consecutive messages have the same sequence ID. Hence, the Estimated Interval column remains empty.

The % Transmission Received is ignored. It cannot be calculated correctly since there are no advancing sequence IDs.

Tag Statistics

Playback Global Statistics

Tags: 381

Unique Tag messages by 4356

Tag messages 108660

Unique Tag messages by 68925

Tag message arrives once every: 11.0 sec

Unique Tag message (seq#) arrives on 275.5 sec

Statistics

Show tags: Multiple (10)

MAC	Ref	# Transmissions Received	% Transmission Received	Estimated Interv...	Device Span	Map Span	Lowest Battery	Channels
000CCC8ECF4E	P	1	100.00		9	1	High	0
000CCC8ECF57	P	1	100.00		6	1	High	0
000CCC8ECF66	P	1	100.00		7	1	High	0
000CCC8ECF67	P	1	100.00		10	1	High	0
000CCC8ECF7D	P	1	100.00		8	1	High	0
000CCC8ECF8F	P	1	100.00		7	1	High	0
000CCC8ECF99	P	1	100.00		8	1	High	0
000CCC8ECF9B	P	1	100.00		7	1	High	0
000CCC8ECFA7	P	1	100.00		8	1	High	0
000CCC8ECFA8	P	1	100.00		7	1	High	0

Close

Export

Tag/Device Statistics Module

The T24 Tags are supported in the Tag/Device Statistics module. These statistics mainly show the number of times a device reported a specific tag.

The values shown in the table below in the 'Received Ratio %' column should be ignored. These values cannot be calculated correctly since there are no advancing sequence IDs.

The values shown in columns 'Total Reports', '# Unq Reports', and '# Reports' should be ignored as well.

Tag/Device Statistics

Statistics

☐ Show only reference points

Show Tags Multiple (10)

Show Map: All

Show Cells: 1

Show APs: All

Show Device: All

Tag	Ref	Dev ID	Dev Type	Dev Name	M...	M...	D...	Total R...	# Unq Re...	# Reports	Avg Burst	Received Ratio (%)	Avg RSSI	M
000CCC8ECF66	P	2_3	AP Aruba	DC:B7:AC:C...	17...	f	6...	1	1	1	1.00	100.00	-97.50	-5
000CCC8ECF67	P	2_3	AP Aruba	DC:B7:AC:C...	17...	f	6...	1	1	1	1.00	100.00	-96.00	-5
000CCC8ECF7D	P	2_3	AP Aruba	DC:B7:AC:C...	17...	f	6...	1	1	1	1.00	100.00	-95.00	-5
000CCC8ECF4E	P	2_12	AP Aruba	DC:B7:AC:C...	17...	f	7...	1	1	1	1.00	100.00	-88.50	-5
000CCC8ECF99	P	2_12	AP Aruba	DC:B7:AC:C...	17...	f	7...	1	1	1	1.00	100.00	-94.00	-5
000CCC8ECFA8	P	2_12	AP Aruba	DC:B7:AC:C...	17...	f	7...	1	1	1	1.00	100.00	-92.00	-5
000CCC8ECF67	P	2_5	AP Aruba	98:8F:00:C1:...	17...	f	8...	1	1	1	1.00	100.00	-71.00	-7
000CCC8ECF4E	P	2_10	AP Aruba	48:2F:6B:CA:...	17...	f	1...	1	4	4	1.00	400.00	-60.88	-7
000CCC8ECF57	P	2_10	AP Aruba	48:2F:6B:CA:...	17...	f	1...	1	3	3	1.00	300.00	-65.85	-7
000CCC8ECF66	P	2_10	AP Aruba	48:2F:6B:CA:...	17...	f	1...	1	4	4	1.00	400.00	-70.62	-5
000CCC8ECF67	P	2_10	AP Aruba	48:2F:6B:CA:...	17...	f	1...	1	4	4	1.00	400.00	-70.71	-5
000CCC8ECF7D	P	2_10	AP Aruba	48:2F:6B:CA:...	17...	f	1...	1	3	3	1.00	300.00	-62.47	-7
000CCC8ECF8F	P	2_10	AP Aruba	48:2F:6B:CA:...	17...	f	1...	1	3	3	1.00	300.00	-64.86	-7
000CCC8ECF99	P	2_10	AP Aruba	48:2F:6B:CA:...	17...	f	1...	1	2	2	1.00	200.00	-70.73	-5
000CCC8ECF9B	P	2_10	AP Aruba	48:2F:6B:CA:...	17...	f	1...	1	3	3	1.00	300.00	-67.63	-7
000CCC8ECFA7	P	2_10	AP Aruba	48:2F:6B:CA:...	17...	f	1...	1	2	2	1.00	200.00	-67.31	-5
000CCC8ECFA8	P	2_10	AP Aruba	48:2F:6B:CA:...	17...	f	1...	1	3	3	1.00	300.00	-64.60	-7
000CCC8ECF4E	P	2_1	AP Aruba	DC:B7:AC:C...	17...	f	1...	1	1	1	1.00	100.00	-77.83	-5
000CCC8ECF57	P	2_1	AP Aruba	DC:B7:AC:C...	17...	f	1...	1	1	1	1.00	100.00	-88.25	-5
000CCC8ECF66	P	2_1	AP Aruba	DC:B7:AC:C...	17...	f	1...	1	1	1	1.00	100.00	-92.40	-5
000CCC8ECF67	P	2_1	AP Aruba	DC:B7:AC:C...	17...	f	1...	1	1	1	1.00	100.00	-89.89	-5
000CCC8ECF7D	P	2_1	AP Aruba	DC:B7:AC:C...	17...	f	1...	1	1	1	1.00	100.00	-87.17	-5
000CCC8ECF8F	P	2_1	AP Aruba	DC:B7:AC:C...	17...	f	1...	1	1	1	1.00	100.00	-83.50	-5
000CCC8ECF99	P	2_1	AP Aruba	DC:B7:AC:C...	17...	f	1...	1	1	1	1.00	100.00	-88.00	-5

Close

Export

Appendix B: Editing Tag Model in MobileView

In MobileView 5.8 MR1 and below, activated T24 Tags show as Model 'unknown'.

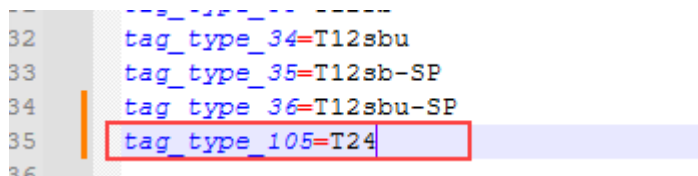
You can change the model type from 'unknown' to 'T24' in MobileView by doing the following:

1. From the **MobileView** server, navigate to the *no_translation_en.properties* file using the following path:

C:\Program Files\AeroScout\MobileView\services\asset-manager\tomcat\lib\mobileview\resources\no_translation_en.properties

2. Open the *no_translation_en.properties* file.
3. Under **# Tag types**, insert the following as is:

- a. *tag_type_105=T24*



```

32 tag_type_34=T12sbu
33 tag_type_35=T12sb-SP
34 tag_type_36=T12sbu-SP
35 tag_type_105=T24
36

```

4. **Save** the file.
5. Restart **MobileView**.



Warranty

Securitas Healthcare (“Securitas”) Standard Warranty and Disclaimer For Securitas Healthcare AeroScout® Products (“Products”)

Limited Warranty and Disclaimer. Securitas warrants that commencing from the date of delivery to Customer and continuing for a period of one (1) year thereafter (the “Warranty Period”), the hardware components of Securitas Healthcare AeroScout® Products (the “Hardware”) will be free from defects in material and workmanship under normal use subject to the terms hereof. The date of shipment of the Hardware by Securitas is set forth on the packaging material in which the Hardware is shipped. This limited warranty extends only to the original user of the Hardware. Customer's sole and exclusive remedy and the entire liability of Securitas and its suppliers under this limited warranty will be, at Securitas's or its service center's option, shipment of replacement Hardware components within the Warranty Period or a refund of the purchase price if the Hardware is returned to the party supplying it to Customer, if different than Securitas, freight and insurance prepaid. Securitas replacement parts used in Hardware repair may be new or equivalent to new, and Securitas reserves the right to provide replacement Hardware components of similar form and function, as long as the functionality is equal or better than Customer's original Hardware components. Securitas's obligations hereunder are conditioned upon the return of affected Hardware in accordance with Securitas's then-current Return Material Authorization (RMA) procedures. Notwithstanding the foregoing, the warranty for TAG Hardware specifically designated for sterilization via autoclave or other sterilization methods shall have a warranty period of 350 sterilization cycles from the date of delivery; provided, however, that sterilization outside of environmental specifications approved in any applicable user documentation voids all warranties.

Extended Warranty: Securitas offers an extended warranty, for a fee, on AeroScout products. Within the one (1) year of the standard warranty, additional warranty of two (2) years may be purchased. Additional warranty years may only be purchased once within the first one (1) year, or prior to warranty expiration. A maximum of three (3) total warranty years are available for Hardware.

Exclusions: The warranty set forth above will not apply if the Hardware or the Product (i) has been altered, except by Securitas, (ii) has not been installed, operated, repaired, or maintained in accordance with instructions supplied by Securitas, (iii) has been subjected to abnormal physical or electrical stress, misuse, negligence, or accident; or (iv) is provided for beta, evaluation, testing, or demonstration purposes for which Securitas does not receive a payment of purchase price or license fee.

In addition, this warranty shall not cover the following:

- Batteries (other than DOA -Dead On Arrival).
- Plastics (including defects in appearance, cosmetics, decorative or structural items including framing and non-operative parts).
- Tag Calibration.
- Expenses related to removing or reinstalling the Products.



- Defects or damage that result from the use of Non-Securitas certified Products, Accessories, Software or other peripheral equipment.
- Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by any party other than Securitas, or its authorized service partners.
- **All software contained in or otherwise part of Securitas Healthcare AeroScout® Products, which is covered by Securitas's separate software warranty contained in the separate software license agreement with respect to such Products.**

The warranty set forth above shall not be enlarged and no obligation or liability shall arise out of Securitas's rendering of technical advice, facilities or service in connection with Customer's purchase of the Securitas Healthcare AeroScout® Products.

Except for the foregoing warranties, which shall be the exclusive warranties with respect to any Products, SECURITAS MAKES NO WARRANTY OR REPRESENTATION OF ANY KIND, EXPRESS OR IMPLIED, WRITTEN OR ORAL, REGARDING INFORMATION GIVEN OR THE PRODUCTS OR SERVICES SUPPLIED AND EXPRESSLY DISCLAIMS ALL EXPRESS AND IMPLIED WARRANTIES, REPRESENTATIONS AND CONDITIONS, INCLUDING WITHOUT LIMITATION ALL WARRANTIES AND CONDITIONS OF QUALITY, NON-INFRINGEMENT, MERCHANTABILITY AND SUITABILITY OR FITNESS FOR A PARTICULAR PURPOSE TO THE EXTENT PERMITTED BY LAW. SECURITAS WILL NOT BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, INDIRECT OR PUNITIVE DAMAGES FOR ANY CAUSE OF ACTION, WHETHER IN CONTRACT, TORT OR OTHERWISE. Consequential, incidental and indirect damages include, but are not limited to, lost profits, lost revenue and loss of business opportunity, whether or not Securitas was aware or should have been aware of the possibility of these damages.



FCC STATEMENT

1. 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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

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

RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

4600 Vine Street
Lincoln, NE 68503
+1 888 622 6992

North America
info@securitashealthcare.com

International
global@securitashealthcare.com

About Securitas Healthcare

Securitas Healthcare empowers caregivers to deliver connected, productive and safe care. Its innovative portfolio of healthcare solutions helps over 15,000 hospitals, clinics and senior living organizations worldwide protect people, use assets efficiently and understand their operations for a caring and healing environment. Securitas Healthcare is proud to be part of Securitas, the world's leading intelligent protective services partner. For more information, visit us at securitashealthcare.com.