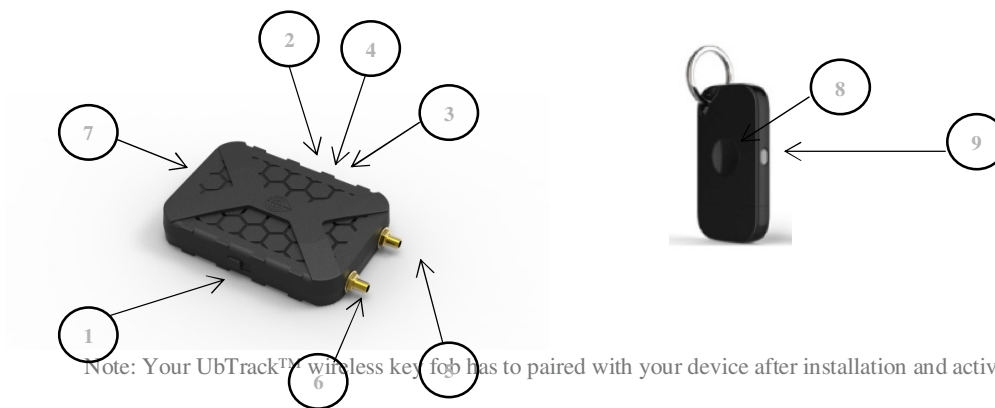


SECTION 1

Aspenta UbTrack 301 Permanently Installed Vehicle Locator Quick Start Guide

SECTION 2 UbTrack™ 301 Overview



UbTrack™ key fob automates arming and disarming of the UbTrack™ 301 security feature. Please keep it with you on your keychain.

- 1- Power button
- 2- GSM LED
- 3- GPS LED
- 4- Reset Button
- 5- SMA Adapter for GPS Antenna
- 6- SMA Adapter for GSM Antenna
- 7- Two-PIN Power Connector
- 8- Functional button
- 9- Status Light

For a complete UbTrack user manual, FAQs and troubleshooting tips please go to <http://aspenta.com/>

SECTION 3

It is strongly recommended that you record and save the 12 character device ID number below the barcode on the back of your UbTrack™ 301 locator. It is also recommended that you read the owner's manual thoroughly prior to operating your device.

Device ID:

----- - ----- - -----

SECTION 4

To begin using your UbTrack™ locator, please follow these easy steps:

STEP 1

Install

It is recommended that an automotive service center perform this work for you following the instructions within the enclosed Installation Guide. This guide can also be downloaded at www.aspenta.com/installation

STEP 2

Connect

Next you need to create a free UbWall™ account to register, activate, program, and monitor your UbTrack™ 301 locator. This can be done online from your computer, or via your smartphone. For your security, establishing your UbWall™ account is a two-step process, requiring verification of your email address.



Download the UbWall™ Mobile App & access your connected devices on the go!



Control from your Computer

www.UbWall.com

STEP 3

Activate

Once you have created and verified your UbWall™ account, you can now log in and select the “Add a Device” option to add and activate your new UbTrack™ 301 device and configure it.

STEP 4

Adjust

You are now ready to begin using your device. If you have chosen to track the device continuously, then simply click on your device within UbWall™ to see its' location or location history displayed on a map.

If, for privacy reasons, you have chosen to configure your device to transmit your location information only in the event of an alarm, you can still use UbWall™ to manage and adjust the device settings, program your email and SMS notifications, share your device with other UbWall users, etc.

SECTION 5

Key Fob Pairing

SECTION 6

Warranty

Your UbTrack™ Locator has a Limited Warranty for 12 months from the date of purchase against all defects in materials and workmanship. For full details regarding our Limited Warranty please visit www.aspenta.com/warranty

SECTION 7

© Copyright 2014 Aspenta. All rights reserved.

Aspenta and Aspenta UbTrack are trademarks or registered trademarks of Aspenta, LLC. in the U.S., Canada, and/or other countries.

V1.0



FCC ID: 2ADTO-CIT-001

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

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.



UbTrack™ 301

Installation Guide

Installation

Required Time

For best results, it is recommended that installation of the UbTrack 301 product be performed by a professional installer. Installation requires approximately 30 to 90 minutes.

Required Tools

Need list of tools + materials installer will need to perform the installation.

- Power connection harness?
- Electrical tape
- Wire cutter/stripping tool
- 2 small wrenches
- Drill + bit sizes?
- Mounting hardware/tools

Connections

Need Photos/drawings with connectors clearly visible and labeled.

The UbTrack has:

- Two wires (red and black) for primary input power (from the vehicle battery).
- One gold SMA connector for the external GSM antenna
- One gold SMA connector for the external GPS antenna

Mounting

It is recommended that the device is securely mounted in a location that makes it difficult for car thieves to find or disable, yet easily accessible for any future service. Typically under the dashboard, within the front panel, or within a door panel are popular locations.

Question from Tim – Do the wires give thieves the location of the tracker?

Question from Tim – How is the UbTrack 301 securely mounted? Competitors offer mounting bracket. If no bracket, do we have footprint drawing of mounting holes? Do we have mounting holes?

Wiring

Prior to wiring power to the UbTrack™ 301, please disconnect the negative connection to the vehicle's battery.

The UbTrack™ 301 has 2 wires for connecting power. The red wire is fused internally and is to be connected to the positive +12VDC terminal. An external fuse is not required. The black wire is then connected to a vehicle ground wire (or chassis ground).

Power for your tracking device should be taken directly off of the ignition column, where you will find constant power and ignition. This is the cleanest source of power for the device. Do not use the radio as a source of power for any of the power leads. Never connect the black and red wire together and attach them to a constant power source. The black wire must be attached to an ignition/accessory wire.

The UbTrack 301 consumes approximately **xx mA** of current at 12VDC. This is a small current draw, and is not sufficient to drain the vehicle's battery provided that the vehicle is driven regularly.

The external GSM antenna comes with a 2 meter long cable, and is easily attached directly to the GSM SMA connector on the UbTrack™ 301 device. The GSM antenna is typically mounted inside the car, and is not particularly sensitive to location, but you should avoid mounting enclosed within metal, if possible.

The external GPS antenna is typically mounted outside the car, and functions best with direct, line-of-sight access to GPS satellites overhead. It also comes with a 2 meter long cable which can be easily attached directly to the GPS SMA connector on the UbTrack™ 301 device.

Once the UbTrack™ 301 wiring is completed, please re-connect the negative connection to the vehicle's battery.

Battery Backup

The UbTrack™ 301 has an internal rechargeable backup battery. In the case that the primary power line is cut, the UbTrack™ 301, continues to function, and continues transmitting its location for up to 24 hours after power interruption.

Coverage

Once UbTrack™ device is activated, it begins receiving signals from both GPS satellites and GSM cell phone towers.

GPS Coverage

GPS devices require a clear, unobstructed view of the sky in order to have a clear line of sight to satellites overhead.

GPS signal strength can be viewed either on your UbWall™ web portal or UbWall™ Smartphone App.

GSM Coverage

The UbTrack™ 301 device includes a SIM card, which is already installed and works right out of the box in over 200 countries, for a flat, low monthly rate, no contracts, no roaming charges, and absolutely no hidden costs.

Proper functioning requires only that the device be registered at the UbWall.com web site. For further instructions, please read the UbWall section of this manual.

GSM cellular signal strength can be viewed either on your UbWall™ web portal or UbWall™ Smartphone App.

LEDs

Need input on exactly how LEDs work

DARK	Device OFF No power from external source
FLASHING AMBER	Device is not connected to external power and is powered ON. Low-battery state (less than 30%).
AMBER, BLINKING	Device is connected to external power, is charging and ON
SOLID AMBER	Device is connected to external power, is charging and OFF
FLASHING GREEN	Device is not connected to external power and is ON. Battery state good - charge is above 30%
GREEN, BLINKING	Device is connected to external power, charging and ON. Battery state good - charge is above 85%.
SOLID GREEN	Device is connected to external power, is fully charged and OFF
RAPID FLASHING, LED COLOR EITHER AMBER OR GREEN	Device is in "powering-down" state - OFF follows soon.
BLUE	Either the GPS receiver is active (two flashes) or the GSM is in active communication with GSM network (one flash). This is added to any of the states above.

The UbWall™ Account

Once the UbTrack™ is installed in the automobile, it may be configured and tested by accessing the associated UbWall™ account.

- Configuring Personal Info
 - Name
 - Address
 - Phone Number
 - Email Address
 - Contact info
 - Time Zone
 - Units
 - Device info
 - Password
- Software Features
- Application
- Type of Tracking

- Map Options

Please consult owner's manual for instructions to set up UbWall, product configuration, setting alerts, delegates etc.

Pairing the Key Fob

Need instructions

Verifying Installation

Question from Tim – How does the installer see this working? What is the installation and operation quality control checklist?