

7600 Beacon Overview

Benefits



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Beacon Overview

The LiveViewGPS 7600 is a versatile and portable GPS tracking beacon, with built-in antennas, motion sensor and battery. Designed for a variety of applications, the 7600 can be used for commercial needs such as portable fleet management (where employee-owned vehicles are used), personnel security, and occasional tracking needs. Consumer applications include vehicle safety, teen driver monitoring and personal safety. Security features include a built-in panic button, an "arm where parked" zone, and 24/7 web-based location tracking for theft detection and recovery. The 7600 comes with both a wall charger and a cigarette lighter adapter for flexible charging options, plus an integrated belt clip.



Beacon Features

Single Point Locate

The 7600 can be located on demand from the Web Portal. This is used to find where the 7600 is currently located.

Real-time tracking

The 7600 can be tracked in real-time from the Web Portal. This is useful for viewing where the 7600 is currently located and where it is moving.

Scheduled tracking

A scenario can be set up to track the 7600 on a periodic basis. This is used to ensure that the 7600 sends a location point according to the scheduled tracking frequency defined. It is then possible to view historical information on 7600 location. Tracking the 7600 according to a schedule requires setting up a scenario in the Web Portal.

Zones

It is possible to set up multiple zones (geofences) on the 7600. These can be configured as allowed or disallowed zones. An allowed zone is used to indicate when a 7600 has left an allowed area. A disallowed zone is used to indicate that a 7600 has entered a disallowed area. Up to 5 simultaneous zones can be created for a 7600 beacon. Setting up zones is done by creating a scenario in the Web Portal.

Low battery

The 7600 can be configured to notify when its battery is low. This is useful when running in battery mode and not attached to an external power source. Setting up a low battery alert is done by creating a scenario in the Web Portal.

Power cut

When using the 7600 attached to an external power source a power cut alert indicates that the beacon has been disconnected from power. This can be used as an indication that the beacon has been removed from power, removed from a vehicle or, in some cases, tampered with. A power cut scenario can be set up in the Web Portal.

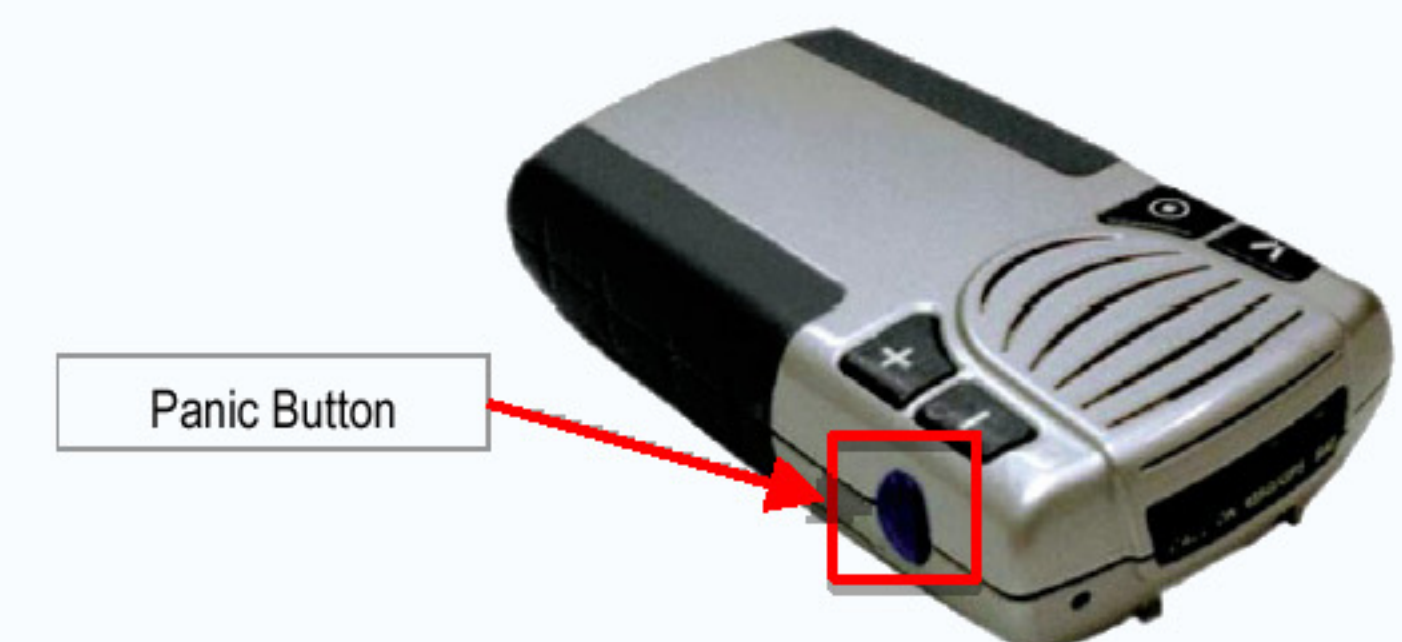
Panic button

The 7600 can be used to send a panic event in the case of an emergency. The panic button is located on the side of the beacon. The panic button feature works by sending a panic alert as well as the location of the 7600. As soon as the panic alert and location are sent the 7600 immediately refreshes its location and sends a second panic alert with the updated location. This ensures that the panic is received as soon as possible even if the 7600 does not have the most up to date location. To let the user know that the panic event has been received the beacon will vibrate. This is used to indicate to the user that both the panic and their current location have been received.

Beacon Features

When the panic button is pressed the 7600:

- Immediately sends a panic alert with its last known location
- If the 7600 can get a more current location it does so, sends the location and beeps 3 times
- If the 7600 cannot get a more current location since it currently does not have GPS coverage, it beeps once
- Once the panic and location are received and acknowledged by the server the beacon vibrates



Note :

for some situations customers may prefer the beacon to remain absolutely silent in the case that a panic is pressed. It is possible to select whether the 7600 will beep and vibrate or remain silent after panic is pressed. Setting up a panic event as well as choosing whether the 7600 will remain silent or not is done by setting up a scenario in the Web Portal.

Arm Where Parked

The 7600 includes a button to set an Arm Where Parked (AWP) zone. Setting an AWP zone creates an allowed zone around the current location of the 7600. If the beacon is moved outside this zone an AWP alert is generated. This is especially relevant to in-vehicle use as an indication that the vehicle has been moved or towed. Setting an arm where parked geofence is done by pressing the button with a picture of a circle and a dot. In addition an arm where parked scenario needs to be set up in the Web Portal.



When the arm where parked button is pressed the 7600:

- Attempts to set up a geofence according to the size set in the arm where parked scenario
- To set up a geofence the 7600 must be able to get a current location and therefore have GPS coverage. If the 7600 can get a current location the geofence is set and the 7600 beeps 3 times
- If the 7600 cannot get a more current location since it currently does not have GPS coverage, it beeps once

Cancelling the arm where parked geofence is done by pressing the same button again.

Note :

if the arm where parked geofence is not cancelled the 7600 will send an alert when it exits the arm where parked zone.

Beacon Features

Push to call

This feature is not currently implemented.

Buttons Overview



Panic button

used to send a panic event if a panic scenario is set up in the Web Portal. See above for more information.

Arm where parked button

used to set up an arm where parked geofence around the current location of the 7600 if an arm where parked scenario is set up in the Web Portal. See above for more information.

Push to call button

not currently implemented

Volume buttons

these are used to increase and decrease the volume of the 7600 speaker. The speaker is used for any beeps that the 7600 emits.

LED Indicators

The 7600 includes LED indicators which show if the beacon is on, if it has GPS coverage (and can get a location) and what the current battery charge is. Refer to the table below for more information.



Power Mode	CALL	ON	GPS	BAT
	Yellow	Yellow	Yellow	Red
External Power Source (USB, vehicle adaptor or AC power)	Not currently in use	ON solid	Fast blink – Once every 2 seconds	Fast Blink, during charge 500mS/2 Sec OFF when charged
On Battery (not attached to external power source)	Not currently in use	Slow blink – once every 10 seconds	Fast blink – Once every 2 seconds	Fast Blink, during charge 500mS/2 Sec OFF when charged Battery charge 6% to 20% - once every 10 seconds Battery charge 0 to 5% - off

External Connections

USB connector

The 7600 comes with a USB adaptor that is used to attach the beacon to an external power source for charging. There are three options for charging the 7600:

1. Connecting to a PC USB input. **NOTE:** The PC must be turned on or powered up while charging the 7600.
2. Connecting to a vehicle cigarette adaptor (requires a USB cigarette lighter adaptor included in the 7600 kit)
3. Connecting to an AC power source (requires a USB to AC adaptor and not included in the 7600 kit)



Headphone jack

The headphone jack provides the ability to connect a standard 2.5mm headset (not supplied with the 7600 kit) when the speaker mode is not desirable. There are currently no services where the 7600 would require the headphone jack.

Battery Life and Management

Overview

A 1340mA/H Li-Ion battery is supplied with the 7600 that will allow operation without USB power. The 7600 battery life varies based on configuration and use of the 7600. The battery must be installed in the 7600 in order to configure it. It isn't possible to configure the 7600 when power is provided by the USB connection.

Charging the 7600

The 7600 requires 4.5 hours to fully charge the battery. To charge the 7600:

Connect one end of the USB cable to the 7600 and the other end to your power source. The 7600 ON LED will be on solid and the BAT LED will flash while charging.

When the 7600 is fully charged the BAT LED will be off and the ON LED will be on solid while connected to a USB power source.