

PT-8200

User Guide



LIVEVIEWGPS

The LiveViewGPS PT-8200 Covert Tracker, powered by the Qualcomm QSC6055™ module, is a value-priced, location tracking and sensor monitoring device. The PT-8200 is the next generation of the PT-8500 Tracker with the additional features of a built-in battery, antenna and sensors (light intensity and temperature). Primarily a portable, battery-powered tracker, the PT-8200 also has an onboard vehicle adapter for hardwired applications. The PT-8200 form factor is compact and fits in the smallest LiveViewGPS tracking case along with an optional external battery.

Charge the PT-8200

There is an internal battery and a MATE-N-LOK connection to attach an external battery. The external battery would be charged by connecting it to the external battery charger. Charge the internal battery by plugging it into USB wall charger included with the package. After about 20 seconds, the power connection is indicated by both LEDs blinking green.



To fully charge the device from a drained battery will take about 7 hours. Disconnect the USB cable from the device. After about 20 seconds the lights will stop flashing. The device will remain powered up.

NOTE: If you use the external battery connection, you must charge the external battery with an external battery charger. It is not necessary, but you will get additional battery life by charging both batteries.

Check the Status

Tap the cross-hairs button to check the battery and cell signal strength. If the lights do not blink, the device is off.

- Green: 90% or more capacity remaining
- Orange: 50% - 90% capacity remaining
- Red: 50% or less capacity remaining

Power the PT-8200 On

Power the PT-8200 on by plugging it into the USB power or by pressing the cross-hairs button for 4 seconds. When the green lights flash, the device is powering up.

Power the PT-8200 Off

Power the device off by pressing the cross-hairs button for 4 seconds. When the red lights flash, the device is powering off.

Logging Into The LiveViewGPS Portal

The LiveViewGPS portal is a state-of-the-art tracking platform featuring Google Maps and automatic position updates that tracks the location of the PT-8200 tracker. You will receive a URL link to configure your password to the LiveViewGPS portal by email when your username is added. Your email address is your username. Make certain that info@LiveViewGPS.com is in your email white list.

Navigate a supported web browser to <https://liveviewgps.trackingapp.net>

Supported web browsers include Mozilla Firefox, Google Chrome, Apple Safari, and Microsoft Internet Explorer 9+.




Configuring the Reporting Interval

1. Log-in to the LiveViewGPS portal.
2. Find your device on the Resource Panel and click on it to bring up the Dashboard.
3. Under Reporting Interval, the reporting interval will be displayed.
4. Once the device is reporting to the LiveViewGPS portal, you can change both of the Reporting Intervals, by clicking Reporting Interval [+] and then [Change] and selecting the new Reporting Interval. The change will take place after it says Successful.

Sensors & Notifications

Sensors			
Sensor	Value	Date	
battery	100%	2011-Nov-18, Fri 12:09:43pm CST	
external battery			
inferred motion	yes	2011-Nov-18, Fri 12:09:33pm CST	
light	311 lux	2011-Nov-18, Fri 12:09:43pm CST	
motion	no	2011-Nov-18, Fri 12:09:43pm CST	
rsi	71%	2011-Nov-18, Fri 12:09:43pm CST	
temperature	89°F	2011-Nov-18, Fri 12:09:43pm CST	

Configuring the Notifications

1. Under Sensors, the estimated battery life time will be displayed.
2. Click on the notification envelope  next to each sensor that you wish to receive a notification on. When an alert condition is met, e-mail notification will be sent out to the e-mail addresses specified.

Example of a notification:

Device: A1000010C7A287 sensors have indicated that it has entered a motion state.
Last known location (as of 2011 February 3, Thursday 11:17:59am CST): 7501 North Capital of Texas Hwy, Austin, TX 78731, USA
The system has made this determination based on the most recent data available as of 2011 February 3, Thursday 11:18:00am CST.

Battery Notification

If you click the notification envelope for the battery, it will notify you when the internal battery goes lower than 25%. If the device is in your notification list for low battery and it goes lower than 25%, you will get an email similar to the following:

Device: F3 - A1000010C7A287 sensors have indicated that it has entered a low battery state.
The system has made this determination based on the most recent data available as of 2010 November 29, Monday 11:27:09 CST

External Battery Notification

If you click the notification envelope for the battery, it will notify you when the external battery goes lower than 25%. If the device is in your notification list for low battery and it goes lower than 25%, you will get an email similar to the internal battery notification.


Inferred Motion Notification

Inferred motion is determined by the LiveViewGPS portal comparing the current locate to the previous locates and then determining the probability of a device actually moving.

Motion Notification

Motion notification is provided by receiving a report from the PT-8200 motion sensors. If a device was located where there are vibrations, it may not actually be moving.

Temperature Notification

Click on the gear  in the lower right to bring up the notification upper and lower limits.

Upper limit	<input type="text" value="74"/>	°F
Lower limit	<input type="text" value="72"/>	°F

Store & Forward

The PT-8200 devices have a data logging capability that can be used to store data collected during coverage lapses for a future upload. In effect, while the remote monitoring device is in the air or on the ocean and effective communications are not available, the device will store the data and upload to the wireless network once the boat or plane is once again within coverage. This method does not effectively mitigate the issues with determining location in these coverage lapses, but will allow sensor data to be relayed.

The stored data is time-stamped by the device. If the device enters a coverage area and the stored data is sent to its FSN-tracks log, although the log may not be in chronological order. If data is exported, or the log is exited and re-entered, the log will be re-organized in chronological order.

Support

To submit support requests, file bug reports, or request new features, click the Support tab.



Please contact us if you have any questions or difficulties. Our goal is to demonstrate the capabilities and functionality of the PT-8200 in order for you to evaluate our technology specific to your business use case.

If you need assistance, you may contact LiveViewGPS Support at info@LiveViewGPS.com or 888.544.0494



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