

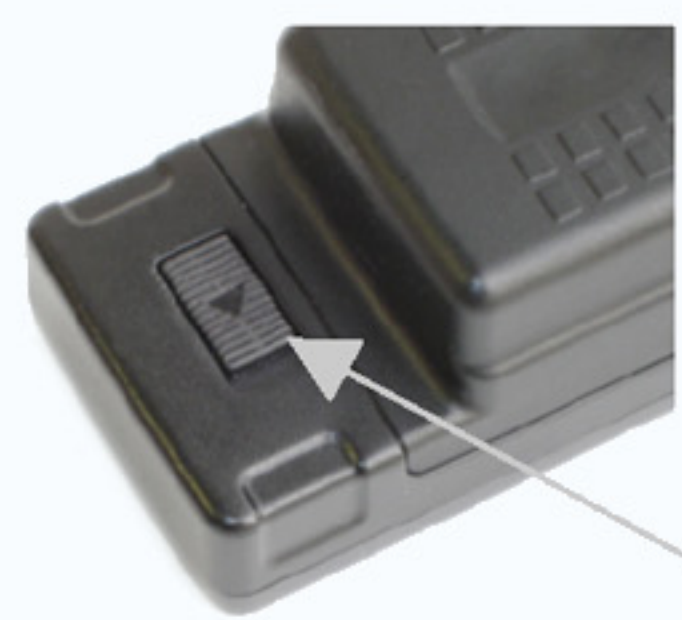


Beacon Overview

The 8200 beacon is a self-contained device, and does not require any additional antennas or components to function in the field. An AC power adapter is required to charge the unit. It is not waterproof or weatherproof, so a sealed case must be utilized if the beacon is intended for outdoor use.

Connecting the Battery

To connect the battery, line up the edges of the battery to the rails on the main module of the beacon, and gently slide the battery into place. The battery should click firmly into place. Once the battery has been attached, the beacon will immediately power on if the battery has any charge. There is no "On/Off" button on the 8200.



Battery release

To remove the battery hold the battery release open and slide the battery out. This may require some additional effort for the first few attempts until you are used to the action.

Battery Life and Management

Your 8200 is equipped with either a 1800mAh or a 3600mAh battery. The sections below provide some additional details on how to get the best performance from your beacon.

Charging the Battery

To charge the battery, plug the AC adapter into the port on the end of the beacon, and plug the AC adapter in the wall. Charging time will vary depending on the state of the battery, but the following table outlines the approximate charging times.

	1800 mAh	3600 mAh
Charge time (from fully depleted)	3 hours	5 hours

Battery Performance

Many factors can influence how long your battery will provide a charge, including the battery capacity, how many times the battery has been charged and discharged, ambient temperature, cellular coverage strength, and frequency of locates. The table below provides a rough guideline for what you can expect for battery performance.

Locate Frequency	GPS Signal Environment					
	1800 mAh			3600 mAh		
	Poor	Average	Good	Poor	Average	Good
Every 60 mins	6 days	9 days	15 days	12 days	19 days	30 days
Every 30 mins	5 days	9 days	14 days	10 days	18 days	28 days
Every 15 mins	4 days	8 days	13 days	8 days	15 days	26 days
Every 5 mins	2 days	5 days	10 days	4 days	10 days	21 days
Every 1 min	14 hrs	2 days	6 days	1 days	4 days	13 days

Button Actions

The 8200 has a small button on one side that can be used for a variety of functions. Each function and its corresponding LED pattern is outlined below.



Button Action	Solid Green	Flashing Red	Solid Red
Cellular Coverage (press and hold for 2 seconds)	On network	–	Off network
Battery Status (press and hold for 4 seconds)	Good	Charge soon	Charge immediately