



# WESTMINSTER

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## WG GPS Lock



The WG GPS Lock combines advanced GPS and cellular technology with high security locking to create a solution that protects and communicates with you.

### INFORMATION IN REAL-TIME

WG GPS Lock provides notifications in real-time whenever it and your assets are accessed, in addition to getting alerts about predefined events through a web-based application, email or text message.

The GPS Lock is particularly useful for moving cargo and remote locations. You'll be able to define what you want to be notified about. For example, whenever your cargo, vehicles or property enters or exits a geographical location; or if it was opened or access has been attempted.

### STRONG AND ROBUST

WG GPS Lock ruggedised design is made to withstand harsh outdoor conditions. Equipped with top electronic components and an extended battery life, it is a strong, long lasting smart padlock.

### ANYWHERE AND ALWAYS

WG GPS Lock does not require an interface to security or alarm systems, nor does it require any special preparation, wiring or installation. This primarily autonomous system, with its cellular communication abilities and embedded GPS technology allows customers to reach and provide security for the most remote assets and keep them monitored with real-time communication and alerts.

### BENEFITS

- Real-time Notifications – that you predefine about when its accessed, where and more
- Global Accessibility – no matter where you or it is
- Extended Battery Life – ideal for extended transport and remote locations
- Design for Durability – from leading-edge electronic components to a ruggedized body
- Simple to Operate – easy to configure and use – no technical knowledge required

## SPECIFICATION

### Battery

- Type - Lithium-ion
- Power – 3.7V, 2600 mAh

### Access Port

- Type - TTL (USB cable is available)

### Power Consumption

- Sleep/Idle - 0.05 mAh
- GPS only - 75 mAh
- GPRS only - 100 mAh
- GPS and GPRS - 165 mAh

### Battery Life

- Transmissions & Work time –
- 1 report every 10 minutes: 100 hours
- 1 Report every 6 hours: 100 days
- 1 Report every 24 hours: 180 days

### Network

- Data - GSM, GPRS and SMS

### Messages

- SMS - Encrypted Protocol
- GPRS - TCP/IP over PPP

### Antenna

- Built in

### CPU Capacity

- Flash Memory - 2048 Kb
- Memory - 34 Kb
- Static RAM - 128 Kb

### Wall Charger (optional)

- 1 battery
- 2 batteries
- 4 batteries

### Temperature

- Operational - -20°C to +60°C
- Storage - -40°C to +85°C

### Operating Humidity

- Up to 100%

### Measurement

- 140 x 80 x 47 mm
- 2.645 lbs / 1.2 kg

### Cellular Communication

- GSM/GPRS-default - Quad Band (850, 900, 1800, 1900)
- Optional Modems - UMTS/HSPA+, CDMA/1xRTT/EV-DO
- Antenna type - Built-in (concealed)
- Data channels - SMS & TCP/IP
- Protocol - Propriety – encrypted

## SPECIFICATION

### GPS

- Navigation method - 2-Satellite solution, A-GPS, Hot Start: 2 sec
- Navigation Update Rate - 1 second (Default), All-In-View solution
- Positioning accuracy - 10m CEP (50%), Velocity: 0.2m/s (50%)
- Protocol - NMEA (Binary format):
- Receiver and Antenna - Internal
- Systems - GPS, GLONASS
- Time to First Fix (TTFF) - Warm Start: 10 sec, Cold Start: 50 sec

### Access Port

- Type - TTL (USB cable is available)

## APPLICATION

### Security

- Get control and convenience while providing continuous coverage and communication for all protected access points to monitored assets.
- Customs Operations - Secure and monitor transported goods to ensure they haven't been tampered with while en route and during the inspection cycle. This reduces the risk of unauthorized acts and access attempts.

### Cargo

- WG GPS Lock tracks high-value cargo throughout its transport cycle, allowing you to efficiently and cost effectively manage and supervise goods remotely.

### Commercial & Retail

- Secure inventory, commercial goods, supplies, and valuable equipment with High Security for storage units, storefronts, containers, vending machines and commercial equipment.

### Remote Locations

- WG GPS Lock is ideal for remote locations, in particular those without perimeter protection, such as water lines, cellular sites, train depots, and high antennas, or heavy equipment like agricultural machinery, boats and caravans.