



# Site Defender™ Gate Security Solution

Access control and security solutions for your perimeter gates. The SES smartphone & tablet application, enterprise software, gate hardware, and military-grade Bluetooth® encryption provide efficient, secure, and authorized access to gated sites anywhere in the world.

## Securing Perimeter Gates

SES provides security protection for perimeter gates with its patented Site Defender™. No other perimeter gate security solution compares to the level of protection and durability of the Site Defender™. With the SES Site Defender™, perimeter gate access is remotely granted to authorized personnel via their smartphone or tablet. The SES enterprise software seamlessly integrates with customer software systems, workflow management processes and security protocols.

Real-time and historical site gate access data is generated to provide efficient access management and improved operational efficiencies. The SES Site Defender™ is a robust solution that can be quickly retrofitted to existing site perimeter gates.

## Site Defender™ High Security Solution

The SES Site Defender™ gate perimeter security Bluetooth® solution consists of a high security gate lock and mounting accessories that are installed on gate posts. It ensures access control and audit trail for most perimeter security gate configurations.

### Key Features

- Only Authorized Users Can Access the Site Perimeter
- Various Types and Sizes of Perimeter Security Gates Regardless of its Mounting Requirements
- Military-Grade Bluetooth® Communications with Smartphone and Tablets
- High Security Protected Dual Locking Mechanism
- Environmentally Sealed from Debris, Water, and Extreme Temperatures

### Key Benefits

- Reduce Field Service Cost
- Prevent Unnecessary Truck Rolls
- Eliminate Burdensome Key and Padlock Code Management
- Decrease Theft & Vandalism



Bluetooth® Site Defender

## Bluetooth® Site Defender

### Specifications

Physical	<ul style="list-style-type: none"><li>• Dimensions: W6.5", H4.125", D1.82" (Main Housing Only)</li><li>• Weight: 4.8 lbs (Main housing Only)</li></ul>
Mounting	<ul style="list-style-type: none"><li>• 5/16" Carriage Bolts with Clamp Jaws</li></ul>
Power	<ul style="list-style-type: none"><li>• 2x 3V Lithium-Ion Cells, No Maintenance</li><li>• Low-Battery Warning via Smart Phone Application (mIAS)</li><li>• External 9V Battery Jumper for Emergency</li></ul>
Life	<ul style="list-style-type: none"><li>• &gt; 10 Years &amp; 10,000 Cycles*</li></ul>
Communications	<ul style="list-style-type: none"><li>• Low Energy Bluetooth® (BLE) 4.0</li><li>• SES Smart Phone Application (mIAS)</li><li>• Identity &amp; Access Software (IAS)</li></ul>
Environmental	<ul style="list-style-type: none"><li>• Operating Temperature range -30°C to 60°C (-22°F to 140°F)</li><li>• Storage Temperature: -10°C to 40°C (14°F to 104°F)</li><li>• Humidity: 10 to 95% Relative Humidity, Condensing</li><li>• Water Resistance: Heavy and Blowing Rain (mounted), Not Submersible</li><li>• Chemical Resistance: Resists Damage from Common Materials and Hydrocarbons such as Perspiration, Oil, Grease, and Standard Cleaning Fluids</li></ul>
Smartphone & Tablet	<ul style="list-style-type: none"><li>• The SES mIAS only supports versions of Apple iOS and Google Android operating systems that currently receive security updates. Minimum platform requirements are subject to change as Apple and Google end their support of older versions.</li></ul>
Certifications	<ul style="list-style-type: none"><li>• High Temperature: MIL-STD-810G Method 501.5 High Temperature</li><li>• Low Temperature: MIL-STD-810G Method 502.5 Low Temperature</li><li>• Rain &amp; Blowing Rain: MIL-STD-810G Method 506.5 Procedure I, Blowing Rain</li><li>• Sand &amp; Dust: MIL-STD-810G Method 510.5 Procedure I, 60C</li><li>• Humidity: MIL-STD-810G Method 507.5 Procedure II, Aggravated</li><li>• Vibration: MIL-STD-810G Method 514.6 Cat 4, Unrestrained Cargo</li><li>• Shock: MIL-STD-810G Method 516.6 Procedure IV, Transit Drop</li></ul>
Regulatory Compliance	<ul style="list-style-type: none"><li>• Bluetooth® FCC ID: QOQBLE112</li><li>• United States (FCC): Complies with Part 15 of the FCC Rules</li><li>• Canada (IC): Complies with Industry Canada license-exempt RSS Standards</li></ul>

\* Extreme Cold Weather Operation may Reduce Battery Life



## About Security Enhancement Systems

SES provides highly innovative end-to-end remote access solutions that deliver significant field service efficiency improvements while reducing risk and protecting critical infrastructure assets. SES's security products currently protect tens of thousands of geographically dispersed sites while seamlessly integrating with customers' enterprise data, alarm systems, and internal processes. SES's software, electronics, and high-security locks give authorized users on-demand and time-limited access to remote assets, thereby maintaining unprecedented levels of security and helping operations understand the who, when, where and why of every site visit – all from their smartphone.

### **Security Enhancement Systems, LLC**

3176 MacArthur Blvd. | Northbrook, IL 60062

For additional information,

833-737-5625 | [sales@securityesys.com](mailto:sales@securityesys.com) | [www.securityesys.com](http://www.securityesys.com)

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