

SMART · SECURE · STRONG









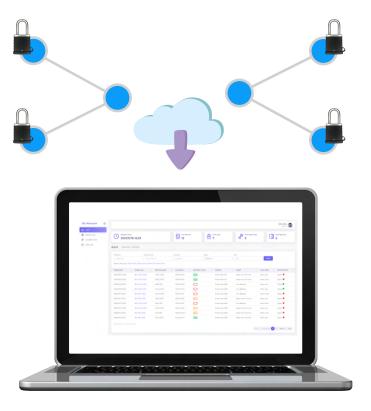
ALWAYS CONNECTED supported by 4G LTE network

Brilliant Guard WL1289 is a Bluetooth Low Energy (BLE) to Wi-Fi connectivity gateway. This cost-effective, low energy consumption, Wi-Fi enabled with TLS security standard gateway bridging with our BG private server via MQTTS protocol can seamlessly deliver user and device management data from BG locking products anytime, anywhere. This gateway provides hassle-free real time monitoring solution in business private network that can fully protect company and user privacy.



BG Connect Hub

BG Connect Solutions is a exclusively designed and developed for SME and small business which is interested to monitor access control and manage their privacy of business premise over cloud server. This real-time monitoring, event data storage and management control can provide cost-effective and easy-to-deploy solution to business offices, warehouses and commercial building to increase access security and provide industrial IOT solutions in no-time..

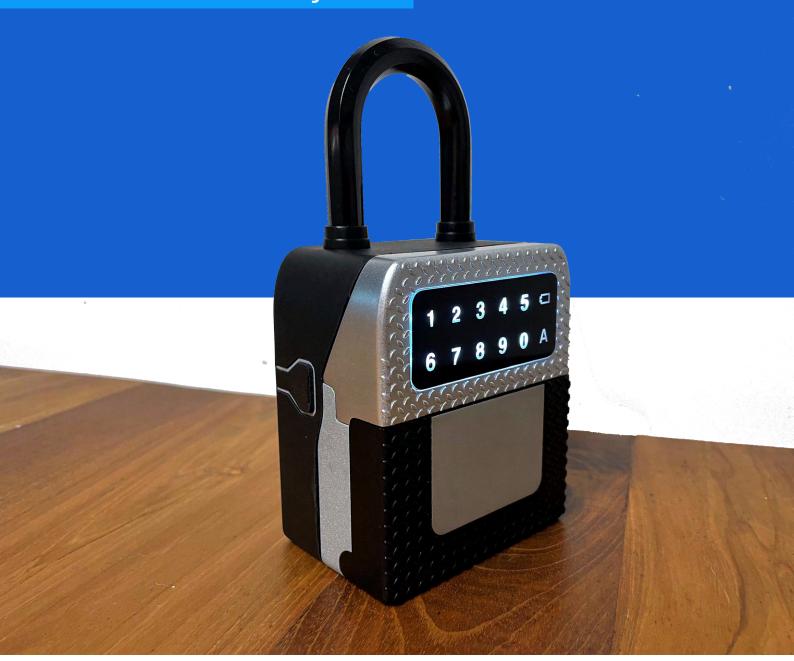


2022 Product Catalogue

Smart Locks

Smart Key

Sensors & Gateway



Smart Locks













Shackle Protected Padlock

BGPL1333SP

Brilliant Guard BGPL133SP is developed for Marine Freight Carrier and high theft risk area that additional shackle protection is needed. Zinc Alloy shackle protector can easily reduce 50% of intruder opportunity to open the shackle. It is fully compliance with Industrial IP standard up to IP66. Lower part of lock body is protected by heavy-duty plastic to improve accessibility and increase robustness. Sharing lock to group of friends or colleague can be just few-clicks away. Companion mobile app can be found from Android or iOS app.









Technical specifications

 Material : Zinc Alloy/Boron Alloy Shackle

:-10°C to +60°C • Operating Temperature

 Operating Humidity : From 45 to 75%

: Lithium Rechargeable 500mAh Battery Capacity • Dimension & weight : 2.5 x 2.5 x 1.2 inches in 480g

• IP rating : IP66

 Wireless Technology : Bluetooth Low Energy 5.0 compatible

 Wireless Coverage : 30 feet (Line of Sight)

 Display : LED Color Code (Blue, Green, Neon Orange)

 Power Port : Micro-USB connector (Type B)

: Android 6.0 or later, iOS 10.0 or later Companion App

 Log Storage : up to 256 event records

 Key Storage : up to 100 keys

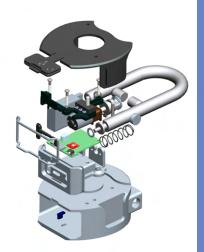
 Lock Access : Mobile APP and Smart Key (Programmable)

Smart High Precious Padlock

BGPL1338

Brilliant Guard PL1338 is designed to transform conventional keyed padlock to Key-less, the smartphone managed and patented smart key features but retaining industrial heavy-duty protection and easy to use design. From design to manufacturing is all under one experienced engineering team. Features such as easy user management and event collection can now allow an owner to administrate their property at fingertips.











Technical specifications

 Material : Zinc Alloy/Boron Alloy Shackle

:-10°C to +60°C • Operating Temperature Operating Humidity : From 45 to 75%

: Lithium Rechargeable 500mAh Battery Capacity • Dimension & weight : 2.5 x 2.5 x 1.2 inches in 480g

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 Wireless Technology : Bluetooth Low Energy 5.0 compatible

• Wireless Coverage : 30 feet (Line of Sight)

 Display : LED Color Code (Blue, Green, Neon Orange)

 Power Port : Micro-USB connector (Type B)

: Android 6.0 or later, iOS 10.0 or later Companion App

 Log Storage : up to 256 event records

 Key Storage : up to 100 keys

 Lock Access : Mobile APP and Smart Key (Programmable)

Smart High Precious Padlock

BGPL1334WP

Brilliant Guard BGPL1334WP is developed for indoor/outdoor warehouses, goods container freight and utility building. It is fully compliance with Industrial IP standard up to IP66. Lower part of lock body is protected by heavy-duty plastic to improve accessibility and increase robustness. Sharing lock to group of friends or colleague can be just few-clicks away. Companion mobile app can be found from Android or iOS app









Technical specifications

 Material : Zinc Alloy/Boron Alloy Shackle

:-10°C to +60°C • Operating Temperature

 Operating Humidity : From 45 to 75%

: Lithium Rechargeable 500mAh Battery Capacity • Dimension & weight : 2.5 x 2.5 x 1.2 inches in 480g

• IP rating : IP65

 Wireless Technology : Bluetooth Low Energy 5.0 compatible

 Wireless Coverage : 30 feet (Line of Sight)

 Display : LED Color Code (Blue, Green, Neon Orange)

 Power Port : Micro-USB connector (Type B)

: Android 6.0 or later, iOS 10.0 or later Companion App

 Log Storage : up to 256 event records

 Key Storage : up to 100 keys

 Lock Access : Mobile APP and Smart Key (Programmable)

Keyless Lockbox

BGKL1288

Brilliant Guard KL1288 is exclusively developing for enterprise and small business owners to share access key and valuable compact goods outdoor or indoor. With spacious interior designated for keys and cards, the removable shackle, touch screen keypad, and industrial standard rated security design. Comes with our patented master-key access function.





FC CE COLS





Technical specifications

: Zinc Alloy/Boron Alloy Shackle Material

• Operating Temperature : -10°C to +60°C : From 45 to 75% Operating Humidity

: Lithium Rechargeable 2000mAh Battery Capacity : 4.1 x 5.2 x 2.3 inches in 1200g • Dimension & weight

: IP65 • IP rating

: Bluetooth Low Energy 5.0 compatible Wireless Technology

 Wireless Coverage : 30 feet (Line of Sight)

: LED Color Code (Blue, Green, Neon Orange) Display

: Micro-USB connector (Type B) Power Port

: Android 6.0 or later, iOS 10.0 or later Companion App

: up to 1000 event records Log Storage

: up to 100 keys Key Storage

: Pin Code, Mobile App and Smart Key Lock Access

(Programmable)

Mini Keyless Lockbox

BGKL1289

Brilliant Guard KL1289 is our compact version of keyless lockbox that exclusively designed to good fit for Airbnb and real estate market designed to latch directly over door knob or handle, making it ideal for those with frequent houseguests or rental tenants.

Constructed of rust-resistant steel, this lock can be used for both indoor and outdoor use, also the storage is large enough to hold up to five standard-size keys, and setting combination is easy to be set through BG connect mobile app, which can identified all PIN users in access logs.







Technical specifications

Material : Zinc Alloy/Boron Alloy Shackle

Operating Temperature : -10°C to +60°C
Operating Humidity : From 45 to 75%

Battery Capacity : Lithium Rechargeable 2000mAh
 Dimension & weight : 2.0 x 3.75 x 3.25 inches in 600g

• IP rating : IP65

• Wireless Technology : Bluetooth Low Energy 5.0 compatible

• Wireless Coverage : 30 feet (Line of Sight)

• Display : LED Color Code (Blue, Green, Neon Orange)

• Power Port : Micro-USB connector (Type B)

• Companion App : Android 6.0 or later, iOS 10.0 or later

• Log Storage : up to 1000 event records

• Key Storage : up to 100 keys

• Lock Access : Pin Code, Mobile App and Smart Key

(Programmable)

Fingerprint Gate Lock

BGGL8138

Brilliant Guard BGGL8138 is ideal for conventional metal gate usage. Instead of using metal key, we transform it to be smarter and eco-friendly by developing four different access methods, they are mobile App, touch pin code, fingerprint, and smart key. Consuming low power that can last over 6 months in a single charge in normal usage. Sharing to friends and families, tracking access records and true internet of things enabled smart lock are comprised in a single compact device. Biometric authenticator can provide single touch access control without any device or key.









Technical specifications

• Dimension & weight

: Zinc Alloy/Boron Alloy Shackle Material

• Operating Temperature : -10°C to +60°C : From 45 to 75% Operating Humidity

: Lithium Rechargeable 500mAh Battery Capacity

: IP65 • IP rating

: Bluetooth Low Energy 5.0 compatible Wireless Technology

 Wireless Coverage : 30 feet (Line of Sight)

: LED Color Code (Blue, Green, Neon Orange) Display

: 3.15 x 3.15 x 1.15 inches

: Micro-USB connector (Type B) Power Port

: Android 6.0 or later, iOS 10.0 or later Companion App

: up to 256 event records Log Storage

: up to 100 keys Key Storage

: Biometric, Pin Code, Mobile App and Smart Key Lock Access

(Programmable)

Locks Product Comparisons

	Pad Lock	Pad Lock	Lock Box	Lock Box	Gate Lock
Model	BGPL1333SP	BGPL1338	BGKL1288	BGKL1289	BGGL8138
Materia	Zinc Alloy Boron Alloy Shackle	Zinc Alloy Boron Alloy Shackle	Zinc Alloy Boron Alloy Shackle	Zinc Alloy Boron Alloy Shackle	Zinc Alloy
Dimensions	s 2.5x2.5x1.2	2.5x2.5x1.2	4.1x5.2x2.3	2.0x3.8x.3.	3.2x3.2x1.2
Weight	480g	480g	1200g	600g	N/A
Battery	500mAh	500mAh	2000mAh	2000mAh	500mAh
IP rating	IP66	IP66	IP66	IP66	IP66
Lock access	Mobile APP Smart Key	Mobile APP Smart Key	Mobile APP Smart Key PIN Code	Mobile APP Smart Key PIN Code	Mobile APP Smart Key PIN Code Biometric
Wireless	BLE 5.0				
Temp	-10 to 60°C				

^{*}The product specifications may vary, and all features, functionality and other specifications are subject to change without notice or obligation

Smart Key

With Smart Key, Perfect access control allows one key for all locks.

- 01. The smart key is capable of opening locks manufactured by Brilliant Guard*, all the access is integrated into one key.
- 02. The critical issue of the electricity lock is battery outage, Smart Key acts as an electricity booster to open the lock even battery drains.
- 03. The smart key can easily be set up and managed by an app (Android and iOS). With just a few clicks, you can specify any lock that you want to add.
- 04. The user data are transmitted and stored at the encrypted cloud server. If you lost your phone, your data will be protected and retrieved from our secured cloud server.
- 05. Environmental Friendly No more spare keys and replacement locks. It's eco-friendly and cost-effective.
- 06. Each rechargeable key supports up to 100 locks open, no more carrying heavy metal keys (ex Avg. 11g x 100 \sim 1100g), all you need now is one smart key (\sim 35g).

*Smart key works for all BG locking products

Smart Key - All you need is one key

BGMK6338

Brilliant Guard MK6338 is designed to provide an alternative way to access your private locking system and manage remote properties. With a portable lightweight but built with durable material and a compact design. Smart -key built with state-of-art wireless hardware and industrial approved secured digital key algorithm. Our companion smartphone App can be used to manage and collect all selectively connected locking system activities. Whether you are a small business owner or factory manager, a smart key is a simple way to start your lock management.









Technical specifications

: Plastics Body & Zinc Alloy Cover Material

:-10°C to +60°C • Operating Temperature

 Operating Humidity : From 45 to 75%

: Lithium Rechargeable 250mAh Battery Capacity

• Dimension & weight : 1.8 x 2.6 x 0.5 in 34g

 Wireless Technology : Bluetooth Low Energy 5.0 compatible

 Wireless Coverage : 30 feet (Line of Sight)

: LED Color Code (Blue, Green, Neon Orange) Display

 Power Port : Micro-USB connector (Type B)

 Companion App : Android 6.0 or later, iOS 10.0 or later

 Log Storage : up to 256 event records

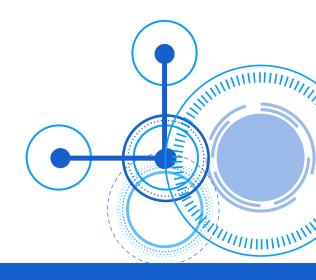
 Key Storage : up to 100 locks Key Access : Any Brilliant Guard lock

Sensors & Gateway



With the continued influx of connected devices, organizations are looking for ways to gain better visibility of connected devices, control their access to the network, and apply security to IoT devices that lack embedded security features. Ongoing monitoring of IoT devices is needed so that abnormal behavior can be detected and remediated quickly and efficiently.

Secure and Monitor Connected Devices with BG Connect Hub



BLE-WIFI Gateway

BGWL1289

Brilliant Guard WL1289 is a Bluetooth Low Energy (BLE) to Wi-Fi connectivity gateway. This robust, Wi-Fi enabled with TLS security standard gateway bridging with our BG private server via MQTTS protocol can seamlessly deliver user and device management data from BG locks anytime, anywhere. This gateway provides hassle-free real-time monitoring in our workspace solution in a private network.



Technical specifications

• Material : Plastic ABS

Color : WhiteWeight : 138g

• Size : Lithium Rechargeable 2000mAh

• Scanning Range : 4.7 x 4.7 x 0.9 inches

• Protocol : MQTT (TCP/SSL)

• Charging : POE / DC Power / Micro USB

BLE-Temperature Sensor

BGNS1112

Provides a simple solution for monitoring temperature and relative humidity

APPLICATION:

- · Cold room
- · Refrigerator
- Medical laboratory
- · Server equipment



NB-IOT Water Leakage Sensor

BGSEN20310-0000

Provides a simple and efficient solution for monitoring flooding

APPLICATION:

- · Water pipes room
- · Data center subfloors
- · HVAC equipment
- · Smart toilet



Air Quality Monitor Sensor

BGSEN10701

General Environment air quality Sensor provides a simple and cost-effective

APPLICATION: Air Quality Monitoring

- · Office
- · Shop
- · Mall
- · School



Case Study



Warehouse Management

Warehouses are used mostly to store things that are plainly required for an hour and other commodities. In most situations, it is impossible for users to locate the goods since it must start manually in the very time-consuming storage rooms.

A warehouse management system is created to eliminate this problem and may immediately circulate the updates and let everyone know about the activities. Also apply different sensors to protect and secure the goods stored in the warehouse

Suggested service and devices

- BG Wifi-BLE indoor router
- BG Connect Hub
- BG padlock
- BG GPS tracker
- BG temperature / pressure / water leak sensors
- BG Alcohol sensor

Case Study



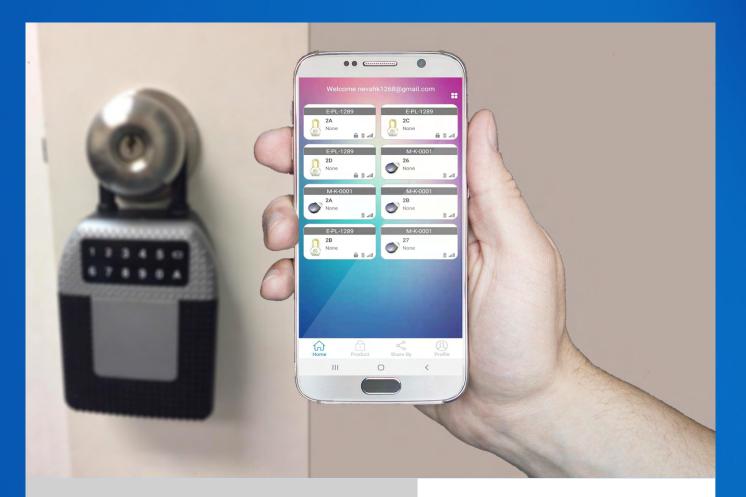
Fleet Management

Interconnectivity between devices and in-field assets through wireless 4G networks (provided by IoT) is what allows businesses and employees to be more connected to the world around them and do more meaningful, higher-level work. Especially important today, IoT helps businesses create a better strategic plan and providing measurable insights into their operations, helping improve fleet management, increase overall resource productivity, and adapt processes to the new normal.

IoT enables digitalization, and that is probably the key factor allowing business owners and managers to make productivity improvements. The amount time previously spent on manual tasks, mounding of paperwork, filling out logbooks, phone checkups with drivers or even switching back and forth between multiple software platforms can now be spent on, for example, making more delivery stops and serving more customers throughout the day.

Suggested service and devices

- BG 4G M1/Cat1 outdoor router
- BG Connect Hub
- BG padlock
- BG GPS tracker
- BC temperature / pressure / water leak sensors
- BG Alcohol sensor



Mobile Application

Brilliant Guard mobile client extends the current one key solution, giving you secure and easy remote access on the go.

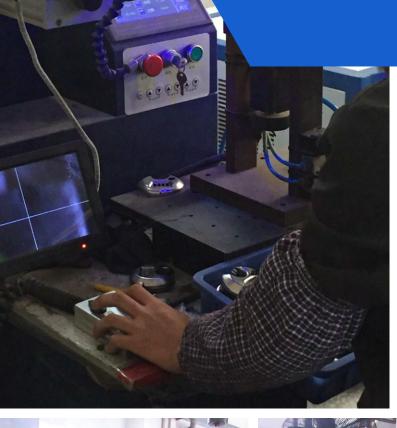
- Easy to take into use in just a minute
- Built with Google / Apple login provides fast account access.
- Initial lock serialization can be done by scanning a QR code.
- Bluetooth connections are all encrypted.
- Access right management on both locks and master keys.
- The application is available for iPhone and Android devices.

- Android version 8 or greater
- Apple iOS version 11 or greater
- Data encryption: TLS / AES128
- Location / Contact / BLE access required.
- Bluetooth operation with lock and key recommended within 5 meter.
- Internet access on mobile is required.





















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