

# BLOCK LOCK

## TECHNICAL SPECIFICATIONS

### Description

---

The IDACS™ BL is a robust, wireless, intelligent cloud-based digital site/gate lock designed to replace antiquated padlocks and key systems. The unit retains a full audit trail, external power up facility and is police approved.

### Security/Features

---

Online cloud-based code management system (IDACS)  
Loxal App  
7 digit codes with ten million differences  
Permanent and temporary user codes  
Group coding  
Comprehensive audit trail  
Stand alone power with up to 6 years battery life\*  
External power up  
Audible keys  
Led Light for Key Press, code acceptance and Videofied alarm  
Pairing\*  
Audible low power warning  
Hardened Steel Staple  
Secured by Design (Police Accredited)  
Sold Secure Attack Tested  
\*Compatible with any Resideo Videofied System  
Multiple installation methods

### Battery and performance

---

Power (IDACS) 4 x Alkaline. 1.5 AA Cell  
Battery Life \*Up to 6 years dependent on use. Each use will reduce this by approx. 8 hours (eg 1000 uses over 5 years, 6000 uses over 1 year) Battery reduction can be monitored on the App.  
• Whilst unlocking it draws 950mA for about 0.5 second  
• Whilst it is in sleep mode it draws 40uA  
• When a key is pressed the draw is 1mA for about .5 second  
• During start up it draws 16mA for about 30 seconds  
During data transfer it draws 16mA  
Operating Temperature -15 to 50C  
Material Folded Steel  
Colour Black Powder coated/RAL Colourways available by special order  
Lock Type Solenoid:Micro Switch  
Dimensions W140 mm L140mm D58mm  
Weight 2.3/2.5kg

### Installation Mounting\*

---

The fixing "block" can be installed in various ways depending on application. The block can be installed directly onto solid substrate or 'clamped' using rear fixing plate  
M8 Bolts and nuts  
Rawl Bolt/ Plugs  
Top Cover fixed with M4 x 10 Torx  
\*Please contact supplier for more information and installation guide

### Local Bluetooth Connectivity

---

The Loxal App acts as data transfer between the cloud and the device using a secure localised Bluetooth connection. Data transfer includes new permanent code user additions, codes deleted and audit. At this point the App will check device battery level and time.

### IDACS Overview

---

Software  
IDACS is a secure, scalable, fully supported cloud based custom software solution to enable users of Loxal products to administer and manage their owned or rented units.  
The app is accessible via a web browser.  
The App is built and hosted on Microsoft Azure App Services  
Secure - encrypted code  
Scalable - future proof  
Customized to meet industry standards  
Fully supported and adaptable  
Compatible with Office 365  
MICROSOFT AZURE HOSTING & APP SERVICES  
The system is operated via our online cloud-based (Azure) client portal and app. Once accounts have been activated our clients have complete control of their Loxal IDACS assets.

A full and comprehensive portal user guide is available separately.

IDACS code protocol is as follows.

IDACS Uses 7 digit codes which create 10 million code differences.

We can split allocation with a suggested maximum of 2500 codes

These can be predetermined upon account allocation and set up, ie, 1000 permanent codes, 500 daily, 500 weekly codes, 500 fixed etc. All Daily and weekly codes self-delete after timeframe.

Units can be cloned if required so that the temporary codes are identical on the chosen units. Codes are identifiable to whom they are issued.

### Pairing and operation-Resideo Videofied Alarms Only

---

As an optional add-on we can install our fully integrated Videofied module. Once paired the BFFKS then becomes the outdoor keypad for the Videofied system. From the BFFKS you can turn on and off the alarm, test RF range, create tamper and signal failure alerts. Pairing an IDACS product follows the same procedures as pairing any other Videofied device.

Follow the menu through Configuration/Areas and Devices/ Devices/Add a New Device and when prompted to 'Push Button on Device' you instead enter \*#36 to install arm/disarm and \*#37 to install Detector.

**FOR TECHNICAL SUPPORT CALL 0800 917 2994**

Loxal Security Unit 5, Sevenoaks Business Centre,  
Cramptons Road, Sevenoaks TN14 5DQ

**loxal**  
INTELLIGENT DIGITAL ACCESS

**iDACS**