



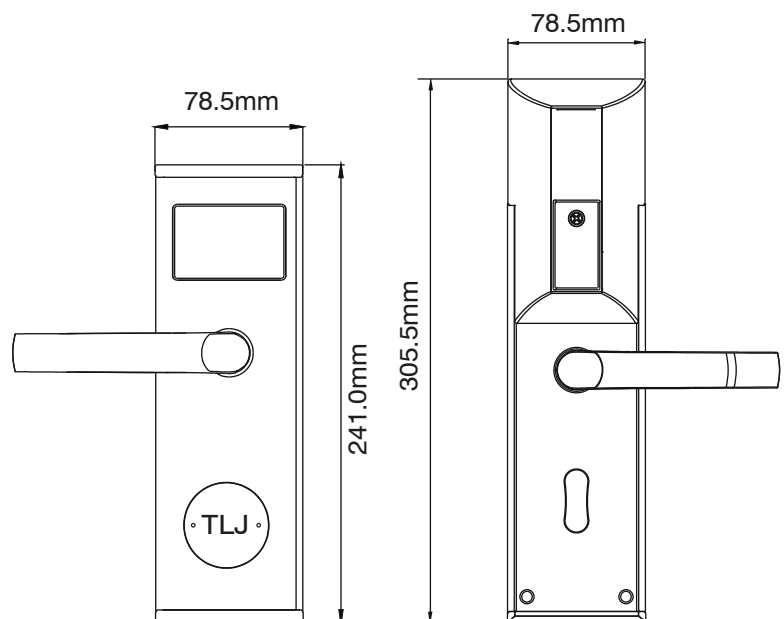
Infinity

electronic lock set



The TLJ Infinity lock set utilises RFID and BLE technology to offer seamless 'contactless' operation, enhancing convenience and ease of use.

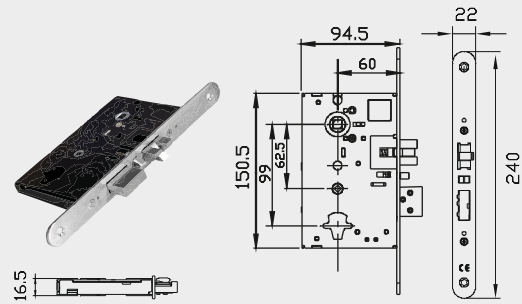
Its traditional yet modern design lends itself to new schemes and refurbishment projects - a varying selection of lock cases, fore ends and keep plates & escutcheons aid a simple upgrade from older mechanical keyed systems or outdated, redundant mag-swipe systems.



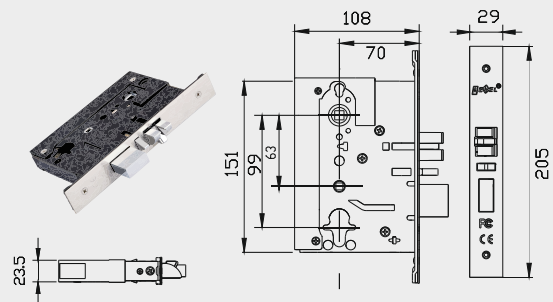
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Lock Case Options



European 60mm Back Set
radial fore end



American 70mm Back Set
square fore end

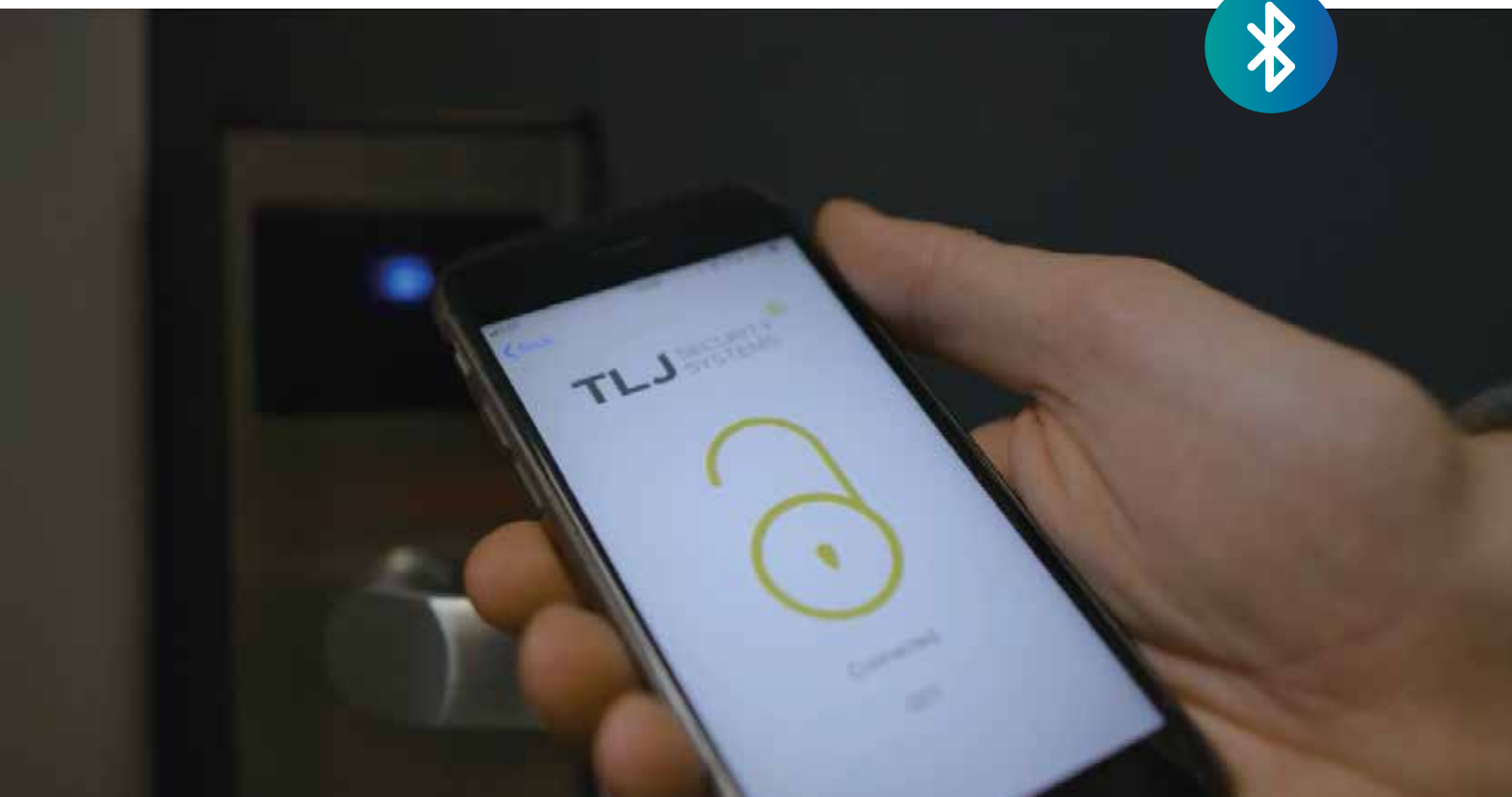
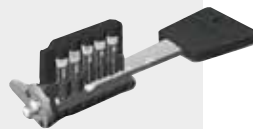


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Key Features

- Contactless RFID technology
- BLE Ready for use with Smartphone unlocking
- Range of data carriers (KeyCards, Fobs, Wristbands etc)
- Fully Certificated (Fire, CE, Security)
- Smart Lockcase with 3 embedded sensors:
 - i) Latch alarm when door not closed
 - ii) Deadbolt double lock
 - iii) Auditable Mechanical over-ride key
- Up to 3 years battery life (4 x AA batteries)
- Self-diagnostics LED patterns for fault finding
- Multiple program modes for different operation:
 - i) Hotel/Hostel mode
 - ii) PBSA student mode
 - iii) BTR residential mode
 - iv) Office/Commercial mode
- Low Battery alert & reserve battery
- Audit Trail last 1000 openings recorded
- Openings from exiting also recorded
- Compatible with TLJConnect writeback functionality



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Colour Finish Options



Stainless Steel
Brushed satin chrome



Polished Chrome
Mirrored silver



PVD
Brushed satin gold



Polished Gold
Mirrored Brass

Certifications

EN14846:2008 - Electromechanically operated locks
EN50371:2012 - RT&TTE, Low-power human RF exposure
& european EMC, LVD directive



EN 1634-1:2014 - Fire resistance & smoke control for a
minimum of 30/60 minutes



Secured by Design - police approved to improve
the security within a building



Certifire - 3rd party certification body gives
assurance as to the performance of the products



PAS24:2016 - Physical security attack test, including
mechanical load testing BS6375-2 and cycle testing
of 50,000 cycles EN1191



Offline (Data-on-card)

A simpler standalone operation, with 'at the desk' issuing of credentials. Audit logs stored within the lock set's internal memory and can be retrieved by management. Access can be revoked but requires presenting a 'Report Lost' card directly to the lock itself. Replacement credentials can kill previous credentials without the need to visit the lock.



TLJ Connect (writeback technology)

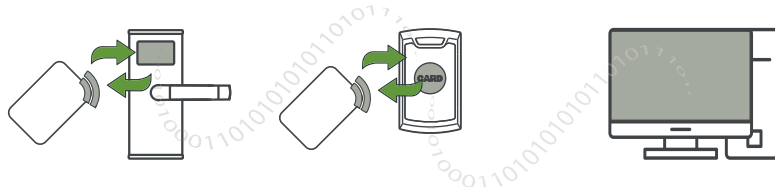
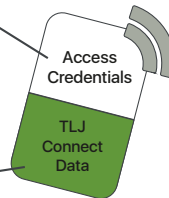
A 'hybrid' of an online & offline access control system, where the credential is used to carry information from and to the offline lock as it passes through online hotspot readers* located on public doors, such as the front door or the elevator..



This part of the memory stores the access rights, and any time & date constraints, such as an expiry date.

This part of the memory stores the TLJ Connect data which is a combination of both:

- Writeback data from battery locks
- Access updates data from PC



Writeback data **FROM** the battery lock includes:

- Audit Logs/Open Records
- Low Battery Alerts

Access updates **FROM** the PC include:

- Changes (additions or removal of access rights)
- Cancelled/Blocked credentials (Black List)

* Hotspot readers must be connected to the same LAN as the management PC running TLJ ALMS Software platform

Bluetooth Smart (App based)



Smartphones are used as the credential, as opposed to the more traditional key card or key fob. The user would use the TLJ app to firstly retrieve any assigned Bluetooth keys and then unlock doors, lift barriers, operate elevators/parcel drop systems etc.

Smartphones can be used in parallel with typical RFID credentials, i.e. where some users prefer a key card and others a smartphone Bluetooth key.

Benefits:

- Reduction in KeyCard loss overhead
- Less time wasted re-issuing lost cards & letting people in rooms
- Stay ahead of the curve
- Check in efficiency drastically improved
- Truly contactless user interaction
- Semi-online platform using the smartphones connection to report audit logs/open records and low battery alerts from offline locks



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