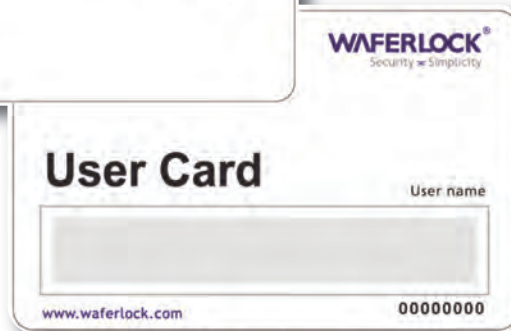




Upgradable Shadow Card Lock System

WAFERLOCK[®]
Security ∞ Simplicity







Upgradable Shadow Card Lock System Overview

The Shadow Card system is an ideal locking solution for small commercial / office premises that require the convenience of an electronic locking system, easy management of user's cards without the need for a computer or software.

The system can be easily upgraded to work on our PC based e-Link system if required in the future.

- Simple to program from cards no software / computer required
- Each lock supports up to 1000 users
- Easy to delete issued user cards via the supplied shadow cards
- All user cards can be deleted easily in one go if required
- The locks can be easily set in passage mode:
 - Using a passage mode card you can choose which users have this function in their user card
- Battery life : Standby 3 years or 50,000 operations
- Low battery warning
- Emergency battery packs available
- Battery Locks and Wall Readers can have their firmware upgraded to work with our PC controlled e-Link or HPMS system

<p>WAFERLOCK® Security * Simplicity</p> <h2>Programming Card</h2> <p>www.waferlock.com</p>	<p>WAFERLOCK® Security * Simplicity</p> <ol style="list-style-type: none"> 1. To add a new user: Programming Card x 1 time, User Card x 1 time 2. To delete all users: Programming Card X 3 times. 
<p>WAFERLOCK® Security * Simplicity</p> <h2>User Card</h2> <p>User name</p> <p>www.waferlock.com</p> <p>0000000</p>	<p>WAFERLOCK® Security * Simplicity</p> <ol style="list-style-type: none"> 1. To open: User Card X 1 time. 2. To active Passage Mode: User Card X 1 time for 5 seconds. 3. To deactivate Passage Mode: User Card X 1 time for 5 seconds. 
<p>WAFERLOCK® Security * Simplicity</p> <h2>Shadow Card</h2> <p>User name</p> <p>www.waferlock.com</p> <p>0000000</p>	<p>WAFERLOCK® Security * Simplicity</p> <ol style="list-style-type: none"> 1. To delete lost user card: Programming Card x 1 time, Shadow Card x 1 time for 5 seconds. 2. To delete existing user card: Programming Card x 1 time, existing user card x 1 time for 5 seconds  <p>3. If Shadow Card is lost, please contact your supplier.</p>
<p>WAFERLOCK® Security * Simplicity</p> <h2>Passage Card</h2> <p>www.waferlock.com</p>	<p>WAFERLOCK® Security * Simplicity</p> <ol style="list-style-type: none"> 1. To active an user card with passage mode function: Passage Card x 1 time, User Card x 1 time. 2. To deactivate an user card with passage mode function: Passage Card x 1 time, User Card x 1 time.  <p>3. If Passage Card is lost, please contact your supplier.</p>

WEL-7104 Euro Handle Lock

Main Features

- Transponder: Mifare Classic (13.56Mhz)
- Transponder reading distance: up to 30mm
- One Programming Card per lock
- One Passage Card
- Each User Card / Fob supplied with a Shadow Card
- Max users: 1000
- User Card / Fob can be deleted by the Shadow Card
- User Card can be programmed to have Passage function by the Passage Card
- Smart sleep mode
- Acoustic Low Power Warning
- Emergency Power Pack available in case of flat battery
- Totally Wire free
- Easy to retrofit onto existing mortise lock cases
- Firmware can be upgraded in the lock to work on our PC Based e-Link or HPMS system.

Technical Specification

- Escutcheon size: 290mm (H) x 40mm (W) x 20.5mm (D)
- Battery life: standby 3 years or 50,000 operations
- Battery spec: 3 x AAA 1.5V
- Environment:
IP54 (Recommended for internal installation only)
Operating Temperature -20°C to +70°C
- EN1634-1 E1 60 Fire Resistant
- Available with Euro Profile cylinder cut-out
- Axis distance from handle centre to cylinder: 72mm, 85mm, 92mm
- Suitable for door thickness: 40 - 120mm
- Standard Finish SSS (other finishes available by request)



WCL-7104

Internal Electronic Cylinders

Main Features

- Transponder: Mifare Classic (13.56Mhz)
- Transponder reading distance: up to 30mm
- One Programming Card per lock
- One Passage Card
- Each User Card / Fob supplied with a Shadow Card
- Max users: 1000
- User Card / Fob can be deleted by the Shadow Card
- User Card can be programmed to have Passage function by the Passage Card
- Smart sleep mode
- Acoustic Low Power Warning
- Emergency Power Pack available in case of flat battery
- Totally Wire free
- Easy to retrofit in place of existing euro profile cylinders
- Firmware can be upgraded in the cylinders to work on our PC Based e-Link or HPMS system.

Technical Specification

- Battery life: standby 3 years or 40,000 operations
- Battery spec: LR1, 1.5V x 3pc (single)
LR1, 1.5 V x 6pc (double)
- Environment:
IP54 (Recommended for internal installation only)
Operating Temperature -20°C to +70°C
- EN 1303 Euro Profile cylinder anti-drill protection as standard
- Standard Finish:
Knob: Satin Stainless Steel
Cylinder Body: Matt Nickel Plate

Dimensions

Euro Profile Double Cylinder

- Cylinder Lengths Available: 60mm -120mm
- Internal Knob: diameter 37mm, length 48mm
- External Knob: diameter 35mm, length 30mm



Euro Profile Cylinder & Turn

- Cylinder Lengths Available: 60mm -120mm
- Internal Knob: diameter 37mm, length 48mm
- External Knob: diameter 35mm, length 30mm



Euro Profile Single Cylinder

- Cylinder Lengths Available:
40mm (30/10) - 70mm (60/10)
- External Knob: diameter 37mm,
length 54.5mm



C-700 Externally Rated Modular Electronic Cylinders

Main Features

- Transponder: Mifare Classic (13.56Mhz)
- Transponder reading distance: up to 20mm
- One Programming Card per lock
- One Passage Card
- Each User Card / Fob supplied with a Shadow Card
- Max users: 1000
- User Card / Fob can be deleted by the Shadow Card
- User Card can be programmed to have Passage function by the Passage Card
- Smart sleep mode
- Acoustic Low Power Warning
- Totally Wire free
- Easy to retrofit in place of existing euro profile cylinders
- Firmware can be upgraded in the cylinders to work on our PC Based e-Link or HPMS system.

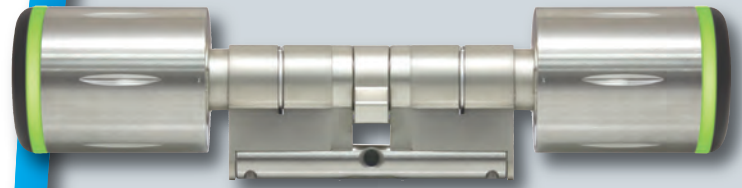
Technical Specification

- IP67 Protection
- Operating Temperature -20°C to +70°C
- Modular Design for ease of stock management allowing you to build your own cylinder lengths
- Complies to EN1303 testing
- Anti-twist – Stainless Steel Bar
- Anti-drill Protection
- Battery life: standby 3 years or 50,000 operations
- Battery: CR2 x 1pc (single)
CR2 x 2pc (double)

Dimensions

Euro Profile Double Cylinder

- Cylinder Lengths Available: 60mm -180mm
- Internal Knob: diameter 35.8mm, length 46mm
- External Knob: diameter 35.8mm, length 46mm



Euro Profile Cylinder & Turn

- Cylinder Lengths Available: 60mm -180mm
- Internal Knob: diameter 32mm, length 25mm
- External Knob: diameter 35.8mm, length 46mm



Euro Profile Single Cylinder

- Cylinder Lengths Available: 40mm (30/10) - 100mm (90/10)
- External Knob: diameter 35.8mm, length 46mm



Wall Readers / Controller

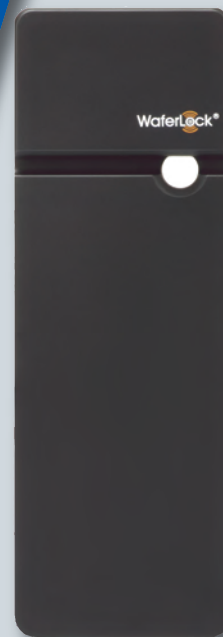
WR-1510 Standard Wall Reader (Internal Application recommended)

Main Features

- Compact design
- Transponder: Mifare Classic (13.56Mhz)
- Reading distance: up to 40mm
- LED indication
- Acoustic indication of card acceptance
- Firmware can be upgraded to change the wall reader to work on our e-Link system with no hardware change

Technical Specification

- Pre-wired with 3 metres of cable to controller
(Optional: 10 metres)
- Power: from WR-2104 controller
- Current draw: 100mA
- Environment:
IP55 (Recommended for internal installation only)
Operating Temperature -20°C to +70°C
- Reader dimension:
115mm x 32mm x 13mm
- Surface mount only



WR-1520 IP67 Rated Wall Reader (External or Internal Application)

Main Features

- Robust Metal Frame
- Supplied with a separate mounting plate for ease of install
- Transponder: Mifare Classic (13.56Mhz)
- Reading distance: up to 25mm
- LED indication
- Acoustic indication of card acceptance
- Firmware can be upgraded to change the wall reader to work on our e-Link system with no hardware change

Technical Specification

- Pre-wired with 3 metres of cable to controller
(Optional: 10 metres)
- Power: from WR-2104 controller
- Current draw: 100mA
- Environment:
IP67 (Suitable for External or Internal Installation)
Operating Temperature -20°C to +70°C
- Reader dimension:
90mm x 90mm x 13mm
- Surface fix or mount on a standard UK flush back box



WR-2104 Wall Reader Controller

Main Features

- Max users: 1000
- 2 Reader connections
- Outputs: 2 relay outputs
- Works with either WR-1500 or WR-1520 Wall Reader
- Firmware can be upgraded to change the controller / wall reader to work on our e-Link system with no hardware change

Technical Specification

- Power: 12Vdc - 24Vdc
- Current draw: 250mA
- Number of wall readers: 2
- Link to wall reader by RS 485 cable
- Number of relays: 2
(Rated at 7A @ 30Vdc)
- Exit button input
- Operating temperature: -20°C to +70°C
- CE certified



User / Function Cards

Function Cards

- **WIS-306-MF** Programming Card (1no required per system)
- **WIS-305-MF** Passage Mode Card (only 1no per person)

User Cards / Fobs

- **WIS-304/7-MF** User Card / Shadow Card

- **WTG-306/WIS-300** User Fob / Shadow Card



Emergency Battery Packs

External battery pack provides emergency power to the Euro-lock or cylinder if batteries are flat.

- **EBP/CY** Cylinder Emergency Pack
Requires 4 x LR1 1.5V batteries

- **EBP/EL** Euro Lock Emergency Pack
Requires 4 x AAA 1.5V batteries





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