VingCard Classic RFID
Electronic Lock

Classic RFID offers the latest Radio Frequency Identification (RFID) technology and the quickest path to go contactless if you currently have standard Classic VingCard electronic locks installed.

FEATURES
- EPD (Environmental Product Declaration) certified.
- Standalone electronic lock with RFID technology.
- Mobile Access (BLE) functionality included in reader (optional).
- Fire-listed for use on fire doors. (UL, EN, BS).
- High security mortise lockcase available in ANSI, JPN, AUS and EURO versions.
- CE, FCC/IC approved.
- Solid steel handles with self-lubricating long life bearings.
- 3-point steel latch construction with an anti-friction mechanism.
- Case hardened full 1-inch (ANSI) throw deadbolt.
- Panic release function – the deadbolt and latch are automatically retracted by inside handle for easy egress in emergency situations.
- ADA compliant (persons with physical disabilities).
- Powered by three (3) AA batteries that provide up to 2 years normal life.
- Detailed audit trail: 3000 events in offline mode (Vostio and Visionline version 1.24 and above) and unlimited number of events in online mode
- Optional high security mechanical override.
- Upgrade kit from VingCard Classic (both 4.5V and 9V*) magnetic stripe or combo technology reader to RFID technology.
- Only need to add the RFID reader by replacing the top end plug. A few minutes operation and no need to replace the lockcase or handles.

DIMENSIONS

RFID Specifications:
- 13,56MHz technology
- Compatible with the following standards:
  - ISO 14443 A (MIFARE including Desfire)
  - ISO 14443 B
  - ISO 15693

*Upgrade from 9V require a change of lock case in addition to the RFID upgrade kit.
**TECHNICAL DATA**

**Power**  
4.5 V DC (3 x AA alkaline batteries).

**Battery location**  
Inside of the room.

**Material**  
Escutcheon: Stainless steel, quality SS316  
Handles: Stainless steel quality SUS304  
Battery cover: Polycarbonate (Makrolon 6265 . V0).  
RFID cover: Polycarbonate UL94V0 (Makrolon 6555).

**Metal finishes**  

**Standard plastic color**  
Black RAL 9005 (RFID cover, end caps and battery cover).

**Handle options in standard range**  
Standard VingCard handles.

**Emergency opening options**  
Electronic emergency opening with service unit and optional mechanical cylinder.

**User interface**  
3 colored LED display (green, red, yellow) plus Blue color and acoustic beeper if reader with built-in BLE is selected.

**Locking mechanism**  
Electro-mechanical locking mechanism located in the lockcase.

**Door thickness**  
34 - 90 mm / 1.34 - 3.54 Inches.

**System software compatibility**  
Visionline and Vostio.

**Online compatibility**  
Wireless (based on ZigBee protocol) in Visionline.

**Storage temperature**  
0-70 °C / 32-158 °F: non-condensing environment.

**Tested operating temperature**  
Tested from -25 °C to 70 °C (-13 °F to 158°F), according to IEC 60068-2.

**Certifications**  
EPD (Environmental Product Declaration) certified.  
European EMC, LVD and R&TTE Directives  
Fire approved according to EN 1634-1  
Fire approved according to UL (timber doors and metal doors).  
Fire approved according to German MPA standard.  
FCC/IC for US and Canada.

**Mobile Access support**  
Reader with built-in BLE*.

**LOCKCASE DIMENSIONS**

**ANSI lock case variants**  
ANSI DA, ANSI DB (both available in the following versions: 4-switch, Auto deadbolt (ADB) Australia version (AUS) and Japan (JPN) version).

**ANSI lock case widths**  
25 mm / 0.98 inches, 28 mm / 1.10 inches, 32 mm / 1.26 inches.

**ANSI backset**  
70 mm / 2.76 inches.

**EURO lock case variants**  
EURO, EURO ADB, EURO MPA.

**EURO lock case widths**  
20 mm / 0.79 inches, 22 mm / 0.87 inches, 24 mm / 0.94 inches.

**EURO backsets**  
65 mm / 2.56 inches, 80 mm / 3.15 inches.

* BLE: Bluetooth Low Energy