VingCard Signature RFID Electronic Lock

With Signature RFID you are provided with a stylish and modern lock that appeals to the modern environment. Signature RFID is less on the door while more in terms of functionality for you and your users.

FEATURES

- EPD (Environmental Product Declaration) certified
- Supports the latest RFID technology
- Supports Mobile Access
- Online compatible
- Easy upgrade from Signature Magstripe or Combo
- Fire listed for use on fire doors (UL, BS, EN)
- Case hardened full 1-inch (ANSI) throw deadbolt
- Panic release function – the deadbolt and latch are automatically retracted by inside handle for easy regress in emergency situations
- ADA compliant (users with physical disabilities)
- Stainless steel parts for mechanical strength, corrosion resistance and attractive appearance
- Optional high security mechanical override cylinder
- Detailed audit trail: 3000 events in offline mode (Vostio and Visionline version 1.24 and above) and unlimited number of events in online mode
- RFID Specifications:
  - 13,56MHz technology
  - Compatible with the following standards:
    - ISO 14443 A (MIFARE including Desfire)
    - ISO 14443 B
    - ISO 15693

DIMENSIONS

Standard and with built-in BLE

BLE upgrade. BLE as separate board.
### Technical Data

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

**Battery location**
Inside of the room.

**Material**
- Thumbturn escutcheon: Stainless steel, quality SS316.
- Handles: Stainless steel quality SUS304.
- Battery cover: Polycarbonate (Makrolon 6265-v0 / Lexan 945).
- RFID cover: Polycarbonate UL94V0 (Makrolon 6555).

**Metal finishes**

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

**Handle options in standard range**
VingCard standard handles and Valli & Valli designer collection 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 - 120 mm / 1.34 - 4.72 inches.

**System software compatibility**
Visionline and Vostio.

**Online compatibility**
Wireless (based on ZigBee protocol) or wired (PoE/Ethernet) 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 or mobile access board add-on.

**IP rating for reader**
IP 56

### 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
- 65 mm / 2.56 inches
- 80 mm / 3.15 inches

* BLE: Bluetooth Low Energy