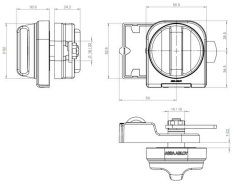

## Product description

Aperio® wireless locker and cabinet lock can be integrated into any access control system via AADP protocol integration or Aperio Wiegand Hub.

A simple way of equipping lockers, cabinets, drawers, etc.

Simple wireless solution

Smart Credential Handling: In addition to the emergency cards, the most recently authorised access events (up to 1000) can be automatically saved temporarily (up to 30 days) so that opening is still possible without the intervention of the administrator.

Suitable for wooden and metal doors

Versatile compatibility thanks to four variants (extendable with additional bolts)

Left and right opening in a standard version

Easy integration in access control systems from further providers

Works as part of an online system or as an offline solution

Compact dimensions (57 × 63 mm) in contemporary design

LED for immediate status display

Supports common MIFARE read technologies, NFC and Bluetooth

## Scope of delivery

- KL100 with battery (Lithium CR123A) and installation instructions
- x1 Cam
- CR123 battery

## Note

- ASSA ABLOY Sicherheitstechnik GmbH is using open source code in this product. For more information visit http://www.assaabloy.com/com/global/opensourcelicense/
- * It should be observed that harsh environments may affect product operability (excessive humidity, salt, extreme temperatures)

## Technical data

| | |
|---|---|
| Authentication | One level of authentication (CARD/Smartphone Only) |
| Approvals | CE, UKCA |
| Dimension | 63 x 56.9 x 30.6 mm (Exterior Dimensions H x W x D) |
| Battery | 1 x Lithium CR123A |
| Battery life | 25 openings per day for 106 months |
| Emergency power | via USB-micro socket |
| Radio standard | IEEE 802.15.4 (2.4 GHz) |
| Encryption (radio communication) | AES 128 bits |
| Distance between the RFID-Reader and hub | Up to 25m depending on the building environment |
| Class of protection | IP54 |
| Operating temperature range | 0°C to 55°C |
| Relative humidity | < 85% (condensation-free) |
| Status | LED (red/green/orange) |
| RFID Technologies (Based on reader type) | High Frequency: iCLASS®/ISO 14443B; iCLASS Seos; MIFARE Classic® / MIFARE® DESFire® EV1,EV2 & EV3; Legic: LEGIC® (Advant, Prime, ISO/IEC14443 UID, ISO/IEC15693 UID); Optional MIFARE® Support |
| RFID reading | UID/Sector/Block/Application/File/Depending on the RFID technology |
| RFID Reading range | < 4 cm |
| Communication interfaces | Communication via radio (USB dongle) or USB-micro data cable |
| Offline and Online operation modes | Aperio® Online; Aperio® Offline; Standard OSS Offline |

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| | |
|---|---|
| Mobile Technology | RFID; NFC and BLE (Bluetooth Low Energy) |

## Variants that can be ordered

| Order number | Description |
|---|---|
| KL100-22L | 22 long |
| KL100-22S | 22 short |
| KL100-19L | 19 long |
| KL100-19S | 19 short |

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