K100 Series Cabinet Lock

Integrated Wireless Electronic Access Control Cabinet Lock with Aperio® Technology

The flexible integrated solution for extending access control to secure lockers, drawers and doors.

The K100 Cabinet Lock comes standard with locked state and tamper monitoring, optional mechanical key override and over 150 lbs of holding force.

The K100 supports HID® multiCLASS SE® contactless credentials. It uses local wireless communication between the lock and an Aperio hub to bring access control to cabinet doors and drawers where audit trail and real-time monitoring are required.

NOTE: The K100 Cabinet Lock is available as either a pre-paired lock and hub kit (no certification required) or as a field configurable component (requires Aperio® Certified Integrator certification). Pre-paired kits support limited features. Field configured devices are required in order to support all options. Visit IntelligentOpenings.com to learn more.

Features

Standard Features

- For use with swinging and sliding cabinet doors and drawers with a door thickness of up to 2-1/4"
- 2.4 GHz Aperio wireless technology
- Supports HID multiCLASS SE® card technologies
- Supports HID NFC & BLE mobile access credentials
- Integrates with existing access control systems and ID badges
- Audit trail limited by EAC system
- LEDs indicate valid/invalid entries; Red/Amber or Green/Amber
- Integrated locked state and tamper monitoring
- Automatic relock when door is closed and secure
- Non-handed
- Black finish
- Three optional shaft lengths to accommodate up to 2-1/4" door thickness
- SecuriCare three-year, no-fault, no questions asked warranty

Optional Features

- Mechanical key override (sold separately)
- Pinch (P) or Lever (L) Knobs
- Knob shaft lengths:
  - » (_)1/16" to 1/2" (standard)
  - » (2)≥ 1/2" to 1-1/2"
  - » (3)≥ 1-1/2" to 2-1/4"

Accessories

- **OBS-622** Open back strike plate for drawers
- **EXT-10-ANT** Aperio Hub External Antenna (Omni-directional)
- **APD10USB** Aperio Radio Dongle*
- **ACC10** Credential Test Cards

* Only available through ACP/CI channel

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3 Year
SecuriCare Warranty

Swinging Door

Drawers

Battery Backup

K100 Series Cabinet Lock

Specifications

Certifications
- FCC Part 15 & Industry Canada Compliant
- CE RED – Radio Equipment Directive – 2014/53/EU
- RoHS Compliant

Electrical
- Estimated Battery Life: 50,000 Cycles
- (2) "AA" lithium batteries (included)
  - » AA Lithium Batteries required. Use of other types of batteries, such as alkaline, will significantly decrease battery life.
  - » Battery voltage monitoring
- microUSB port for emergency power

Holding Force
- Static strength 150 lbs

Environmental
- Operating Temperature: 14° to 140° F [-10° to 60° C]
- Tested to meet IP65

Card Technology HID® multiCLASS SE®
- **High Frequency (13.56 MHz)**
  - » HID iCLASS®
  - » HID iCLASS SE® (SIO®-enabled)
  - » HID iCLASS® Seos®
  - » HID MIFARE® SE
  - » HID DESFire® EV1 SE

  - » MIFARE CLASSIC
  - » DESFire® EV1
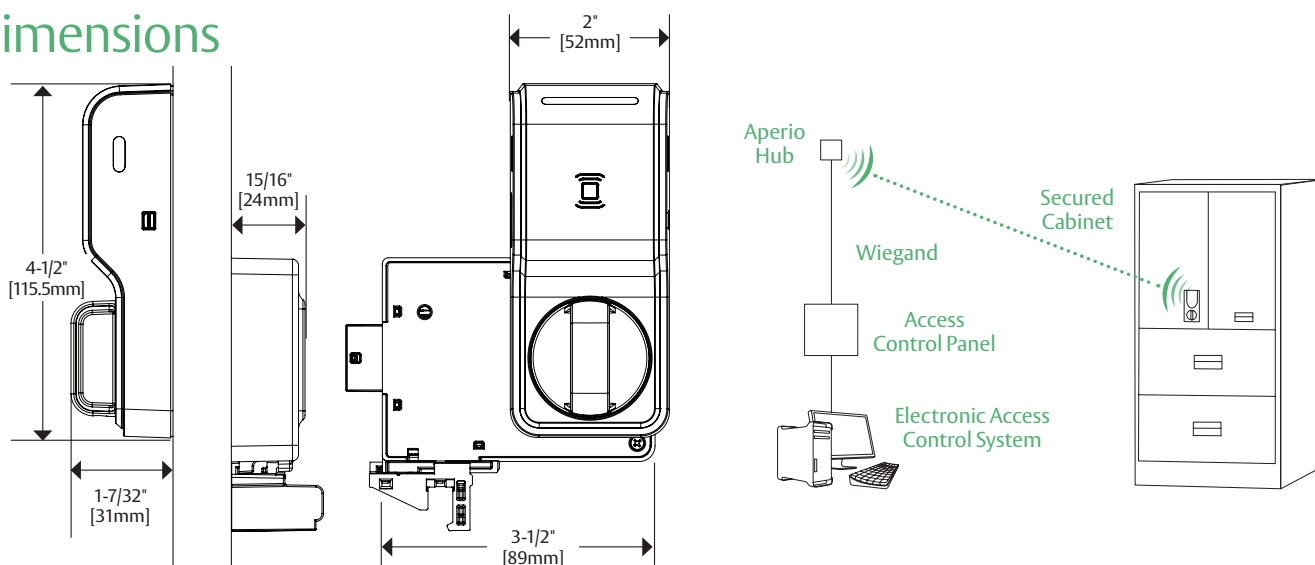 - » DESFire® EV2 (legacy mode)
- **Low Frequency (125 kHz)**
  - » HID Prox®
  - » AWID
  - » EM4102
  - » IOProx
- **Mobile Access Credentials**
  - » NFC
  - » HID BLE Mobile Access
  - » SEOS iOS Apple Wallet

    **HID BLE mobile access options supported by BIPS models when using BLE-enabled mobile phones.*

Dimensions

2" [52mm]

15/16" [24mm]

4-1/2" [115.5mm]

1-7/32" [31mm]

3-1/2" [89mm]

Aperio Hub

Wiegand

Access Control Panel

Secured Cabinet

Electronic Access Control System

How to Order

SERIES	MODEL	OPTIONS	CARD TECHNOLOGY	COLOR	KNOB TYPE	SHAFT LENGTH *(DOOR THICKNESS)*
K100	**-622**		**-IPS**	**-B**	**P**	**2**
	622 For **doors**	**(blank)*** Field configured to work with AH20, AH30, or AH40 wireless hubs	**IPS** HID Prox®, Kantech ioProx, HID iCLASS®, HID iCLASS SE® (SIO-enabled), HID iCLASS® Seos™, HID MIFARE® SE, HID DESFire® EV1 SE, MIFARE Classic, MIFARE DESFire EV1, NFC-enabled mobile phones	**B** Black	**P** Pinch	**_** **(Blank)** 1/16" to 1/2" (standard)
	622D For **drawers**		**IPEXXXXX**† Same as IPS but with factory loaded HID Elite Credential		**L** Lever	**2** ≥ 1/2" to 1-1/2"
		H Factory paired with AH20 1:1 Wiegand Hub	**BIPSXXXXX***†† HID iCLASS, HID iCLASS SE (SIO-enabled), HID iCLASS Seos, HID MIFARE SE, HID DESFire EV1 SE, MIFARE Classic, MIFARE DESFire EV1, NFC & BLE-enabled Mobile Phones: HID Mobile Access (BLE and NFC), Seos Apple Wallet (NFC)			**3** ≥ 1-1/2" to 2-1/4"
			BIPEXXXXX*†† Same as IPS but with factory loaded HID Elite Credential			

*Only available through ACP/CI channel ** XXXXX is a unique or customer specific key that is only reorderable for that specific company.
† HID Authorization form will need to be filled out and signed by the end user who has authority of the ELITE KEY.