



KS100-640H with Apero hub

Hardwired power  
Wireless data

The HES KS100 server cabinet lock with Apero® technology tie to an existing access control system. This convenient system brings real-time access control in a single-card system to individual server cabinet doors, greatly improving the monitoring and security level of each server cabinet.

It uses existing ID badges so there are no keys to control or replace and no codes to secure or remember. The KS100 protects servers from malicious or accidental tampering without adding a credential.



# KS100 Series

## Wireless possibilities for server cabinet protection

### Specifications

FCC Part 15 & Industry Canada (ICES) Compliant

Operating Temperature  
-32 to 122F  
[0 to 50C]

Low frequency model supports:  
HID Prox, EM Prox

High frequency supports: iCLASS®, iCLASS SEOS, iCLASS SE, ISO 14443B UID, Mifare Classic, Mifare Plus, Mifare Desfire EV1, Mifare Desfire SE, NFC

High security Grade 1 asset protection with audit control

Lock and DPS status monitoring

Fully-encrypted AES 128 bit wireless communication

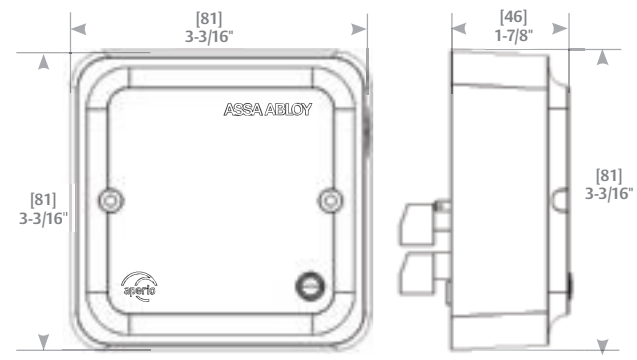
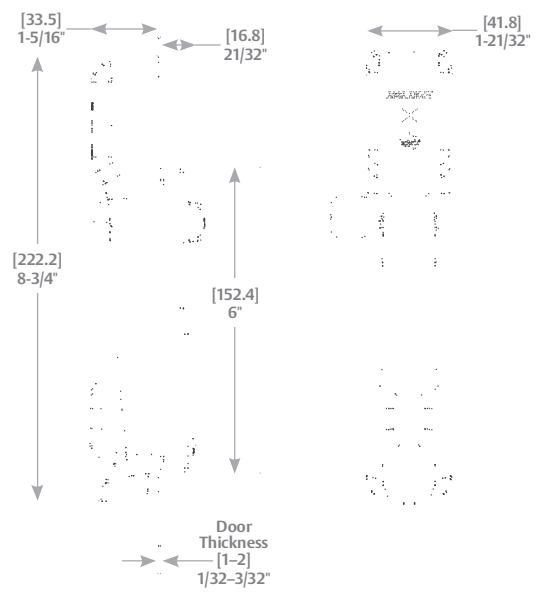
Online & offline transaction audit trail capabilities

Designed for standard 25 mm x 150 mm server lock openings

Patents pending & D725, 992

## KS100 Models

KS100-640	PoE Powered Server Cabinet Lock
KS100-640H	Wholesale kit with 1:1 hub
PA	Integrated Prox
SE	Integrated iCLASS®



### Standard Features

- Wireless Aperio technology
- Integrates with existing access control systems and ID badges
- Supports HID 125 kHz proximity or 13.56 MHz iClass contactless credentials
- Static strength 250 lbs
- Non-handed
- Mechanical key override capable with SFIC (SFIC not included)
- Three year limited warranty

### Electrical

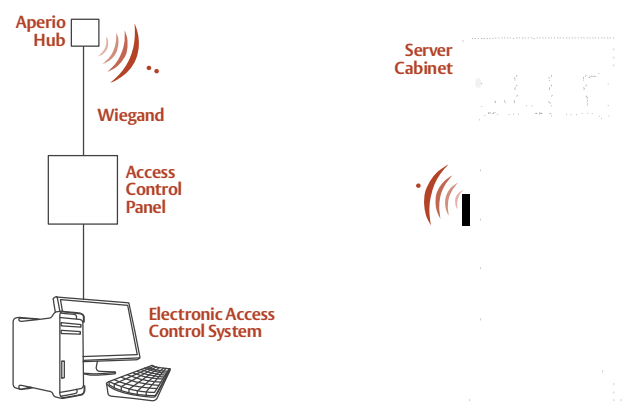
- PoE hardwired via standard IEEE 802.3af, 48 VDC Power over Ethernet (PoE Injector not included)
- Optional 24 VDC ( - 10 ) Input

### Finishes

- Black

### Aperio Technology

- Quick, easy wireless deployments
- Fully encrypted AES 128 wireless communication between the KS100 server cabinet lock and hub ensures data security
- Aperio wireless hub connects to an access control system with Wiegand wiring plus additional DPS and tamper signal wires

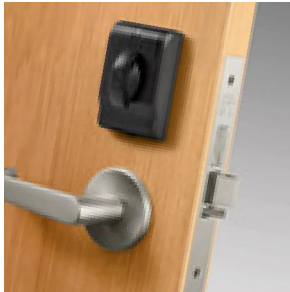




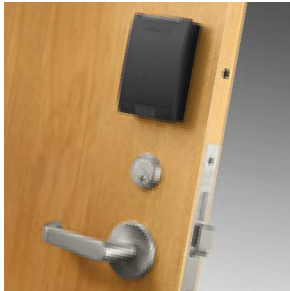
**HES**  
K100 Cabinet Lock  
Ideal for cabinets, lockers and drawers in applications such as healthcare, higher education and IT



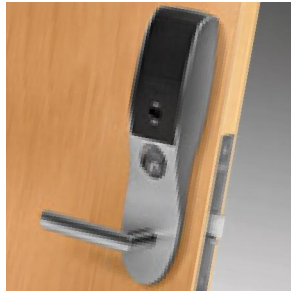
**HES**  
KS100 Server Cabinet Lock  
Ideal for server cabinets and data centers



**MEDECO**  
M100 eCylinder  
Ideal upgrade to existing mechanical door hardware



**SARGENT**  
IN100 Lock  
Ideal for institutional and commercial applications



**SARGENT**  
PR100 Lock  
Ideal for institutional and commercial applications



**SECURITRON**  
R100 Surface Mounted Wireless Reader  
Ideal for full glass, brick, stone and marble entry doors



**SECURITRON**  
AS100 Door Sensor  
Ideal for aesthetically demanding doorways

# Aperio<sup>®</sup>

## Wireless possibilities for online access control

*Aperio (Latin) / a pe.ri.o/ – to uncover, open*

At ASSA ABLOY, we've uncovered the solution that will open new doors to online access control.

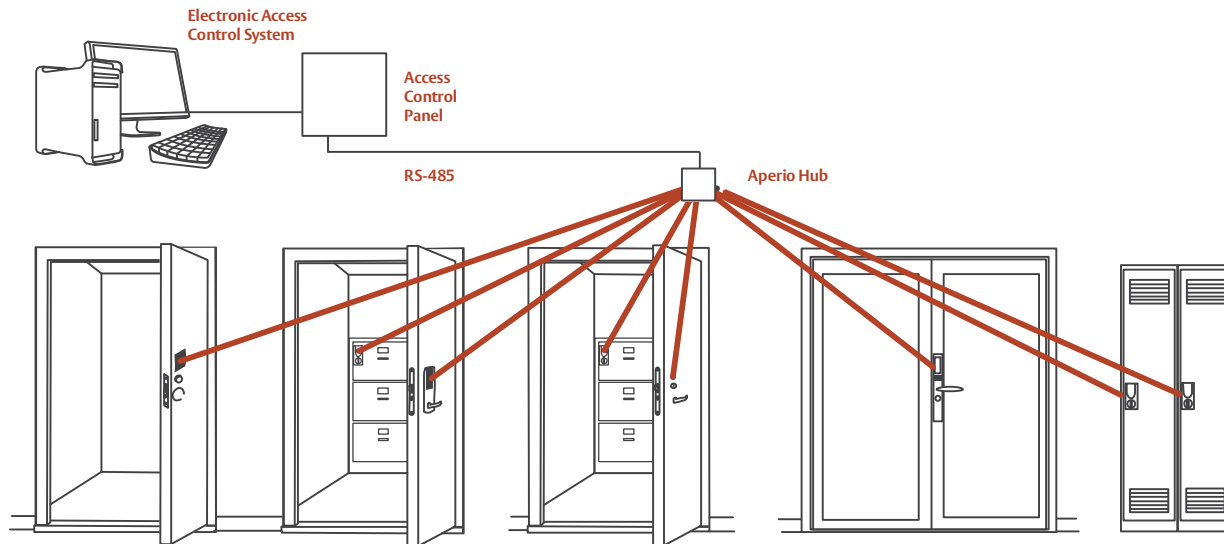
Aperio technology is a global wireless platform that reduces the cost and inconvenience of traditional access control by eliminating wiring at the door.

It utilizes local wireless communication between the lock and a communication hub to connect to an online electronic access control system. This offers facilities an easy, affordable way to expand the reach of existing access control systems and secure additional openings.

Aperio products are available through ASSA ABLOY Authorized Channel Partners.

Visit [www.intelligentopenings.com/aperio](http://www.intelligentopenings.com/aperio) for more information.

The HES K100 cabinet lock, HES KS100 server cabinet lock, Securitron R100 surface mounted wireless reader and the Adams Rite A100 keyless entry control are all available as either a pre-configured lock and hub kit or as field configurable components of an integrated access control deployment.



### Standard Features

Utilizes IEEE 802.15.4 wireless communication between the lock and an Aperio hub that is connected to the electronic access control system

Real-time communication with the access control system for greater security and control

Real-time door status monitoring

AES 128-bit encryption of data

Global wireless platform that addresses a wide range of applications and security requirements

Global Aperio technology is ideal for companies who wish to deploy a standard infrastructure across multi-national locations

Available across a range of locking hardware from ASSA ABLOY Group brands, Aperio provides the flexibility to address a variety of applications throughout your facility

Supports HID® 125 kHz proximity or 13.56 MHz iCLASS® (full authentication, all formats) credentials

### Quick, Easy Wireless Deployments

- No complex site surveys
- Minimal field configuration
- Simplified installation at the opening
- Uses existing credentials

### Learn More

Visit ASSA ABLOY America's University to learn more about Aperio Integration Certification training which allows configuration of multiple locks on each wireless hub.

[www.assaabloyamericasuniversity.com](http://www.assaabloyamericasuniversity.com)

