ASSA ABLOY

Scalable Rack Security for Data Center Infrastructure

Advanced protection for IT systems and secure environments





One Cabinet Prep
One Lock Family
Multiple Security Levels

KS Series Server Cabinet Locks
Maximize Security & Minimize Risk



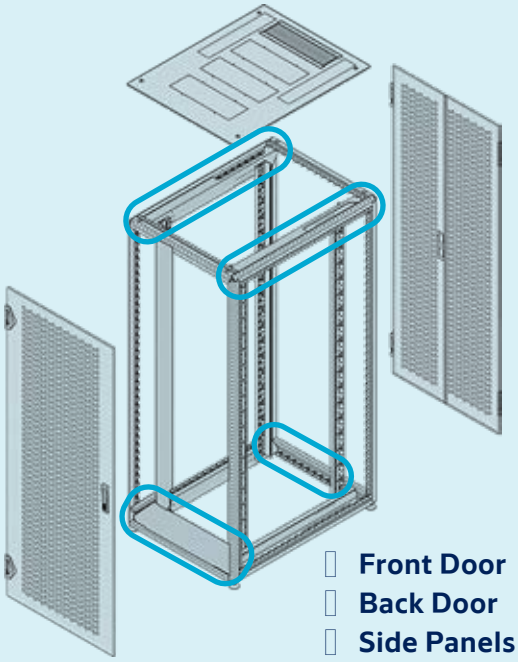
	KS-M Mechanical	KS-EM Electromechanical	KS200 Wiegand	KS210 OSDP v2.2
Fits Most 150 x 25 mm Lock Preps	✓	✓	✓	✓
Swing Handle Cam Activation	✓	✓	✓	✓
6 or 7-pin SFIC Mechanical Key Override (Sold Separately)	✓	✓	✓	✓
MEDECO XT Intelligent Key (Sold Separately)	✓	✓	✓	✓
Configurable LEDs for Visual Management		✓	✓	✓
Supports High Frequency RFID Credentials			✓	✓
Supports Low Frequency RFID Credentials			✓	✓
Supports BLE & NFC Mobile Access			✓	✓
Supports KS-EM Dual Unlock Mode		✓		✓
HID Omnikey Reader Manager (BLE) Software Configuration			✓	✓
ASSA ABLOY Warranty	✓	✓	✓	✓

Real-Time Cabinet Monitoring

The KS-EM, KS200, and KS210 provide multi-point cabinet monitoring, helping operations teams quickly identify and respond to issues:

- Tamper detection
- Cam rotation monitoring
- Locked/unlocked state reporting
- Optional door position status via external DPS

This layered monitoring helps confirm when cabinets are accessed and when they are secured after access.







KS-DPS
for use with most doors.

Verifies the door is fully closed and secure, and can also be used to monitor side panels and rear cabinet access.

External DPS Jumper & Adapter for Door Monitoring *(optional)*

The optional DPS sensor uses the same jumper and adapter as the KS-EM. The DPS cannot be added when using the dual unlock functionality.

KS-M Mechanical Cabinet Lock

Foundational security with controlled physical access.
KS-M provides straightforward mechanical locking for cabinets that require controlled access but not electronic integration.



Operational Value

- Mechanical locking with SFIC key override
- No wiring required
- Uses the same cabinet prep as electronic KS models

Best fit

- Non networked cabinets
- Low density or remote IT rooms
- Facilities standardizing hardware ahead of electronic expansion

PRODUCT NO.	COLOR	OPTIONS
KS-M	-B	
KS-M	**B** Black	(blank) No SFIC or Blank Plastic Core (Standard)
		K1 MEDECO X4 SFIC Cylinder & 2 Keys

KS200 Wiegand Cabinet Lock

Electronic access control for smaller cabinet groups.
KS200 connects server cabinets to existing Wiegand access control systems, enabling credential based access and cabinet monitoring.



Operational Value

- Wired Wiegand communication
- Integrated HID multiCLASS SE® contactless reader

Best fit

- Small to mid size cabinet deployments
- Facilities using Wiegand based access control
- Environments transitioning from mechanical to electronic control

SERIES	MODEL	CARD TECHNOLOGY	COLOR	KEYING OPTIONS
KS200	-S	-IPS	-B	K1
KS200	**S** Swing Handle 150x25 mm Cam Activated	**IPS** HID multiCLASS SE	**B** Black	(blank) No SFIC or Blank Plastic Core (Standard)
		IPV040 RFID Only, PIV-I/40 Bit FASC-N		
		IPV064 RFID Only, PIV-I/64 Bit FASC-N		**BC** SFIC blank (Black plastic core)
		IPV075 RFID Only, PIV-I/75 Bit FASC-N		
		IPV128 RFID Only, PIV-I/128 Bit FASC-N		**K1** MEDECO X4 SFIC Cylinder & 2 Keys
		IPV200 RFID Only, PIV-I/200 Bit FASC-N		

KS-EM Electromechanical Cabinet Lock

Local electronic locking with cabinet status visibility.

KS-EM adds electromechanical locking and monitoring without requiring direct connection to an access control panel—ideal for selective cabinet control within a larger data center.



Operational Value

- Electromechanical operation with local control
- One reader for many locks on a bank of cabinets

Best fit

- Shared cabinets
- Front and rear door locking scenarios
- Pairing with KS210 for full cabinet coverage

PRODUCT NO.	COLOR	OPTIONS
KS-EM	-B	
KS-EM	**B** Black	(blank) No SFIC or Blank Plastic Core (Standard)
		BC SFIC Blank (Black Plastic Core)
		K1 MEDECO X4 SFIC Cylinder & 2 Keys

KS210 OSDP Cabinet Lock

Enterprise grade rack security for large, multi tenant data centers.

KS210 is designed for high density, high security environments where encrypted communication, scalability, and visibility are critical.



Operational Value

- RS 485 OSDP communication with encrypted, bi directional data
- Supports up to 32 cabinet locks per panel (multi drop)
- Reduced wiring complexity compared to traditional reader architectures
- Integrated HID multiCLASS SE® reader
- Supports PIV, BLE and NFC mobile credentials

Best fit

- Large colocation and hyperscale facilities
- Compliance driven environments
- Deployments requiring audit trails and centralized visibility

SERIES	MODEL	CARD TECHNOLOGY	COLOR	KEYING OPTIONS
KS210	-D	-IPS	-B	K1
KS210	**D** Dual (auxillary lock output) unlock	**IPS** HID multiCLASS SE	**B** Black	(blank) No SFIC or Blank Plastic Core (Standard)
		IPV040 RFID Only, PIV-I/40 Bit FASC-N		**BC** SFIC blank (Black plastic core)
		IPV064 RFID Only, PIV-I/64 Bit FASC-N		
		IPV075 RFID Only, PIV-I/75 Bit FASC-N		
		IPV128 RFID Only, PIV-I/128 Bit FASC-N		**K1** MEDECO X4 SFIC Cylinder & 2 Keys
		IPV200 RFID Only, PIV-I/200 Bit FASC-N		

Flexible Credential Configuration in the Field or From the Factory

Data center environments demand both operational flexibility and predictable outcomes. The KS200 and KS210 supports both—allowing cabinet credentials to be configured on site by authorized teams or preconfigured at the factory as a service.



FIELD Configuration with the HID OmniKey® App

For deployments that require flexibility or phased rollouts, KS Series electronic cabinet locks can be configured in the field using the HID OmniKey® reader.

This approach allows operators to:

- Configure supported credentials locally without removing locks from service
- Adapt credential settings as tenants, policies, or access requirements change
- Maintain control during expansions, cabinet reassignments, or retrofits

Field configuration is ideal for environments where change is expected and operational teams want the ability to manage credentials directly, without factory lead times.

FACTORY Configuration as a Service

For large scale, multi tenant, or compliance driven environments, ASSA ABLOY also offers factory credential configuration as a service.

With this option, KS Series locks arrive:

- Preconfigured to the required credential formats
- Consistently programmed across cabinets, rows, or entire facilities
- Ready for deployment with minimal on site setup

The result: predictable behavior, reduced risk of configuration errors, and faster commissioning at scale.

Why Data Centers Choose Factory Configuration

Factory configuration is especially valuable when:

- Deploying across multiple data halls or facilities
- Supporting strict tenant separation
- Operating under audit, compliance, or SLA requirements
- Standardizing security across global or regional sites

By shifting configuration upstream, operators gain:

- Consistency — every lock behaves exactly as specified
- Configurability — credential formats defined once, applied everywhere
- Peace of mind — reduced operational risk and fewer variables in the field

Scan here to download the app



Protect What Keeps the Rack Running

Add access control to your power infrastructure. The KS Series lock can be factory-integrated into **LifeSafety Power** wall mount and rackmount enclosures.

Register your interest:

LifeSafety Power®



Access Control at a Glance

Facial identification establisASSA ABLOY trusted identity before granting access, reducing badge sharing and strengthening tenant separation. Paired with KS Series locks, it extends that trust to the rack.

Register your interest:

Control iD®



Choosing the Right Communication Architecture

System Capacity & Door Density

The table below highlights how cabinet security scales across KS Series configurations, showing the number of cabinets, doors, and locks supported per system architecture.

	KS200-S	KS210-D	KS210-D + KS-EM
Cabinets	2	16	32
Drawers	1	1	1
Locks	4	32	64
Doors	4	32	64
Outputs	4x Wiegand	4x OSDP	4x OSDP

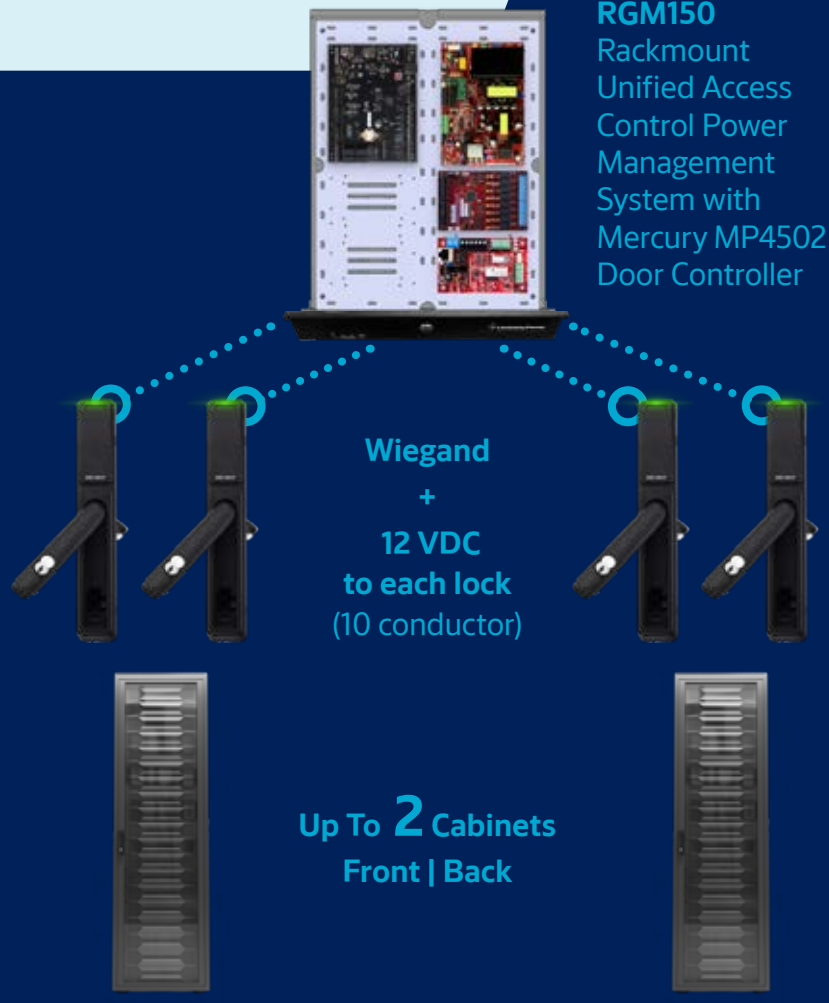
NOTE: OSDP output assumes 8x locks per OSDP output is supported based on the HID Mercury MP4502

KS200-S Wiegand Access Control

In cabinet-level applications, Wiegand enables basic credential transmission from the reader to the control panel, supporting access validation within established system architectures.

While effective for traditional installations, Wiegand systems typically rely on point-to-point wiring and unencrypted communication, making them best suited for environments where simplicity and compatibility with existing infrastructure are the primary requirements.

- Support for up to 4 locks per panel
- Integrated rackmount power management
- Unencrypted 1-way communication to each lock



KS210-D OSDP Multi-Drop Architecture

As cabinet-level security scales across entire rows or facilities, traditional point-to-point wiring approach ASSA ABLOY can create unnecessary complexity. Modern deployments require solutions that are both secure and scalable.

Using OSDP RS-485 communication, multi-drop architecture enables multiple cabinet locks to be connected along a single communication line, delivering encrypted, bidirectional communication while reducing wiring requirements. This approach supports efficient expansion, centralized control, and real-time monitoring across high-density cabinet deployments, making it ideal for today's data center and government environments.

- Support for up to 32 locks per panel (multi-drop)
- Integrated rackmount power management
- Encrypted 2-way communication to each lock

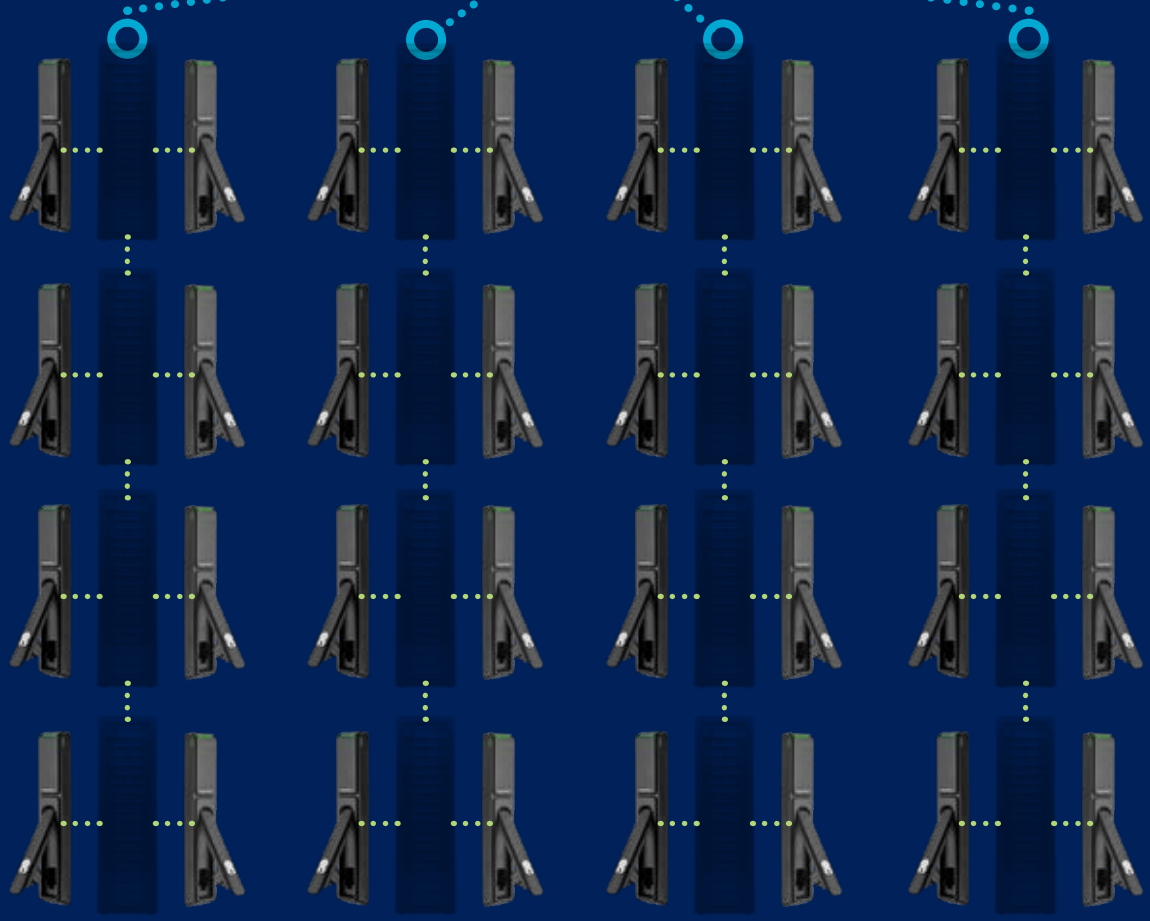
KS210-D Integrated Wired RS-485 OSDP Server Cabinet Lock

Up To 16 Cabinets
Front | Back



EXAMPLE SHOWN

RGM150 Rackmount Unified Access Control Power Management System with Mercury MP4502 Door Controller



Accessories & Configuration Options

A range of compatible accessories supports flexible installation, connectivity, and monitoring across the KS Series platform.

The comparison below highlights key components to help identify what's required for each lock configuration.



Accessories Comparison

		KS-M	KS-EM	KS200	KS210
CABLES & CONNECTIONS	Lock side interface cable			CBL6-QC12	CBL6-QC4
	System side interface cable			CBL12-QC12	CBL12-QC4
	Dual unlock functionality		CBL-QCKS-D*		KS-EM*
	OSDP multi drop distribution box				HSA-OSDP-DB
KEY OVERRIDE	SFIC mechanical key override, keyed alike	SFIC-K1	SFIC-K1	SFIC-K1	SFIC-K1
	NO mechanical key override, blank plastic core	SFIC-BC	SFIC-BC	SFIC-BC	SFIC-BC
MONITORING	(Optional) External door position status monitoring		KS-DPS	KS-DPS	KS-DPS
CABINET COMPATABILITY	38mm locking cam length	KS-CAM38	KS-CAM38	KS-CAM38	KS-CAM38
	45mm locking cam length	KS-CAM45	KS-CAM45	KS-CAM45	KS-CAM45

*Required for dual unlock functionality when used with the KS210 and KS-EM. The optional DPS sensor shares the same jumper and adapter and cannot be used simultaneously with dual unlock.

Dual Unlock with the KS Series

Protect the front and back of the server cabinet with the KS210-D and KS-EM. When paired together, the KS-EM locks and unlocks when the KS210-D is actuated.



Front Door: KS210

APPLICATION NOTE
Requires the use of a single point cam





Back Door: KS-EM

APPLICATION NOTE
Requires a single point cam activated rod assembly

One Standard.
Endless Flexibility.

ASSA ABLOY rack-level solutions safeguard your critical IT systems against unauthorized access, downtime, and costly breach ASSA ABLOY.

From standalone cabinets to multi-rack deployments, our advanced server cabinet locks and monitoring systems deliver enterprise-level protection that's built to scale, including features that make a difference; like integrated key control, multi-point status monitoring, and OSDP capabilities for future-ready management.



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