

# Aperio® KS100 Wireless Server Cabinet Lock

**ASSA ABLOY**  
Opening Solutions

## Wireless protection for your server cabinets

*The ASSA ABLOY Aperio KS100 gives you more control over your data, even in shared data centres. It works with almost any system, via Online, Offline or OSS-standard offline integration.*

Experience a safer  
and more open world

Inbuilt LED instantly communicates if access is granted or denied.  
Side light LED indicator for increased visibility.

IP40 Rating and capable of withstanding 0°C to 50°C temperatures.

Standard server cabinet "Swing-handle" design.  
Handle rotation monitoring.

Handle status monitoring.

Mechanical override possible.

Audio signal when card is presented or keypad is operated.

Optional door position sensors.



### Easy integration

Aperio KS100 works seamlessly with access control systems integrated to Aperio via AADP protocol or Wiegand hub. No database integration required.



### Improved security

Door and lock status change alerts. Tamper protection offers a higher level of security. Optional side-panel sensors can be monitored.



### Improved monitoring

With monitoring functionality and audit trails, it is ideal for co-located centres.











### Convenience

Aperio KS100 reads industry-leading RFID credentials, as well as mobile (NFC).

# Aperio® KS100 Wireless Server Cabinet Lock | For indoor use

## Technical data and features

		
①	Authentication	CARD or Mobile
	RFID Technologies	iCLASS, iCLASS SE, iCLASS Seos, MIFARE Classic, Mifare Classic SE, Mifare Ultralight, Mifare Plus, Mifare DESFire 0.6, Mifare DESFire EV1, Mifare DESFire EV2, Mifare DESFire EV3 (EV2 and EV3 only in Legacy mode), Mifare DESFire SE, PicoPass, ISO 14443A UID, ISO 14443B UID, ISO 15693 UID
	RFID reading	UID / Sector / Block / Application / File / Depending on the RFID technology
	RFID Reading range	Up to 4 cm
	Mobile Technology	NFC
✓	Approvals	CE; FCC Part 15; UKCA
	Dimensions	<b>Front:</b> 44,5 mm wide, 33,6 mm deep (measured at the thickest part at the top), 228,6 mm high; <b>Back:</b> 40,6 mm wide, 19 mm deep (measured at the thickest part), 226 mm high
	Surface	Cover: black
	Battery	2 × Lithium AA (FR6)
	Battery life	30 openings per day for 50 months
	Emergency power	Via micro-USB socket
	Radio standard	IEEE 802.15.4 (2.4 GHz)
	Encryption (radio communication)	AES 128 bits
	Distance between the device and the hub	Up to 25m depending on the building environment
	Class of protection	IP40
	Operating temperature range	0°C to 50°C
	Status	LED (red/green/orange)
	Door sensor information	Tamper Door status (built-in; option to add external sensors via wires)
	Communication interfaces	Communication via radio (USB dongle) or Micro-USB cable (accessory)
	Offline and Online operation modes	Aperio Online; Aperio Offline; Standard OSS Offline



### It includes:

- 1 × KS100 Cam
- DPS cable
- Instructions
- 2 × AA FR6 lithium batteries
- Handle
- Mounting plate
- SFIC cover
- Handling selector
- Mounting screws
- Optional SFIC Cylinder (to be ordered separately)



### Communicates with:

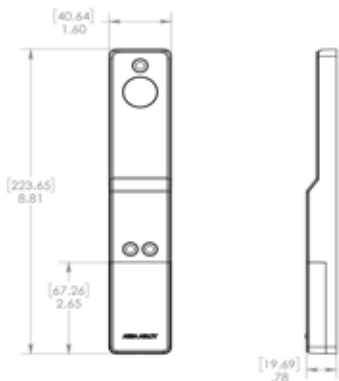
- RS485 Communication Hub
- Aperio IP Communication Hub
- Wiegand Interface (Standard and advanced versions) Communication Hub



### Smart Credential Handling:

Up to 1000 users can be granted access even if the EAC is temporarily down.

### Battery Bracket



### Lock Body

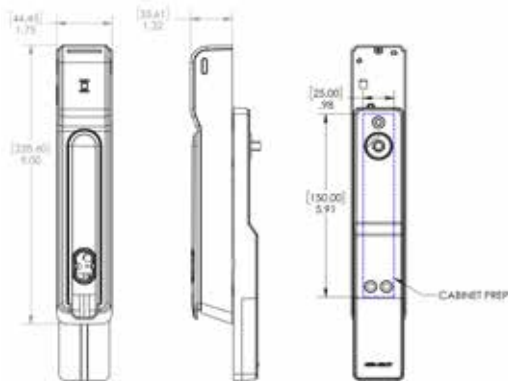
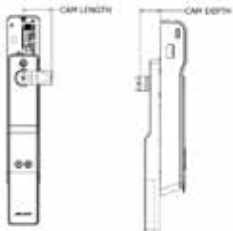


Table 1 – Cam

CAM	CAM LENGTH	CAM DEPTH
38mm - 4 (Standard)	38mm [1-1/2"]	26mm [1"]
38mm - 5 (Optional)	38mm [1-1/2"]	28mm [1-1/10"]
45mm - 1 (Optional)	45mm [1-3/4"]	18mm [7/16"]



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