

# KS100

Server rack lock



## Product description

- Real-time communication to the access control system ensures easy management of access rights
- Designed for standard 25 mm x 150 mm server lock openings
- Static strength of 350 lbs (158 Kg)
- Ideal for collocation data centers with multiple companies requiring access
- For use on left or right hand doors
- Standard server cabinet “Swing-handle” design
- Simple to integrate because it works with your new or existing access control system
- Smart Credential Handling: In addition to the override credentials, the last valid credentials (up to 1000) can be cached automatically and for a limited time, so that an opening can still be made without the intervention of the administrator.
- Fully battery operated version (2 x AA lithium batteries)
- Up to 50K cycles
- Handle rotation monitoring
- Now standard along with locked state handle monitoring signaling that the handle is in the secure position, nested in the lockbody.
- The monitoring sensors are wired in series. This ensures the user is confident that the cabinet door is closed and the lock is in the secure position when KS100 is used in combination with the optional external extended DPS (door position sensor)
- Side light LED indicators for increased visibility when installed in various orientations
- Mechanical override possibility
- Easy to integrate and install with your new or existing access control system
- IP40 Rating and capable of withstanding 0°C to 50°C temperatures
- CE Certified

## Scope of delivery

- KS100
- Cam (1x)
- DPS cable
- Instructions
- 2 x AA lithium batteries
- Handle
- Mounting plate
- SFIC cover
- Handling selector
- Mounting screws

## Suitable ASSA ABLOY products

- RS485 Communication Hub
- Wiegand Interface (Advanced Wiegand) Communication Hub
- Aperio® IP Communication Hub

## Technical data -

	<b>Approvals</b>	CE; FCC Part 15
	<b>Dimension</b>	Front: 44,5 mm wide, 33,6 mm deep (measured at the thickest part at the top), 228,6 mm high; Back: 40,6 mm wide, 19 mm deep (measured at the thickest part), 226 mm high
	<b>Battery</b>	2 x AA Lithium Batterien
	<b>Battery life</b>	Up to 50K cycles
	<b>Radio standard</b>	IEEE 802.15.4 (2.4 GHz)
	<b>Encryption (radio communication)</b>	AES 128 bits
	<b>Distance between the RFID-Reader and hub</b>	Up to 25m depending on the building environment

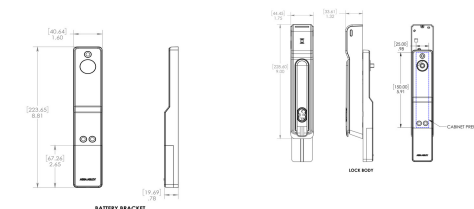






Table 1 - Cam

CAM	CAMLENGTH	CAMDEPTH
28mm - 8 (Standard)	28mm (1.121)	28mm (1.1)
28mm - 5 (Optional)	28mm (1.121)	28mm (1.1)
45mm - 1 (Optional)	45mm (1.771)	38mm (1.5)

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	<b>Class of protection</b>	IP 40
	<b>Operating temperature range</b>	0°C to 50°C
	<b>Status</b>	LED (red/green/orange)
	<b>RFID Technologies (Based on reader type)</b>	iCLASS™/ISO ISO1443B; iCLASS™ SEOS, iCLASS™ SE, MIFARE® classic, MIFARE® plus, DESFire® EV1, NFC and HID Prox, EM Prox 125kHz
	<b>RFID Reading range</b>	< 4 cm
	<b>Offline and Online operation modes</b>	Aperio® Online; Aperio® Offline; Standard OSS Offline