

KS100 Server Cabinet Lock with Apero[®] Wireless Technology

The Avigilon Access Control Manager (ACM) system utilizes ASSA ABLOY[™] Apero[®] Wireless Technology to eliminate the cost and inconvenience of wiring in and around the access door. The Apero solution can support a wide-range of applications, including interior office room doors, server room cabinets and storage lockers, glass, stone or brick entry ways, slim aluminum entry doors and more.

The KS100 wireless server cabinet lock with Apero technology brings real-time access control in a single-card system to individual server cabinet doors. It uses local wireless communication between the lock and Apero Hub to connect to an access control system, greatly improving the monitoring and security level of each server cabinet. This convenient system uses existing ID badges so there are no keys to control or replace and no codes to secure or remember.



The HES KS100 server cabinet lock is designed to integrate seamlessly with existing access control systems and protect critical assets from intrusion and expensive downtime. Designed to install easily on most swing handle server cabinet doors, the KS100 comes standard with locked state monitoring and utilizes an SFIC (Small Format Interchangeable Core) mechanical key override. An additional optional extended DPS monitoring sensor can be connected to ensure that the cabinet is closed, locked and secure.

The KS100 includes an integrated card reader for ease of use with the ACM[™] system. Connect the Apero Hub over RS485 to the supported Mercury panel to enable direct communication with the ACM system.

The KS100 series makes it easy for any company to expand the coverage of their security surveillance system quickly and affordably.

KEY FEATURES

High security Grade 1 asset protection with audit control

Hardwired power, POE 48 V DC or standard 24 V DC options

SFIC High security key override allows secure manual unlock capability

500,000 cycles of operation

Easy-to-manage user access

Convenient, quick response, single-card system uses existing ID badges (no keys to control or replace, no codes to secure or remember)

Technical Specification

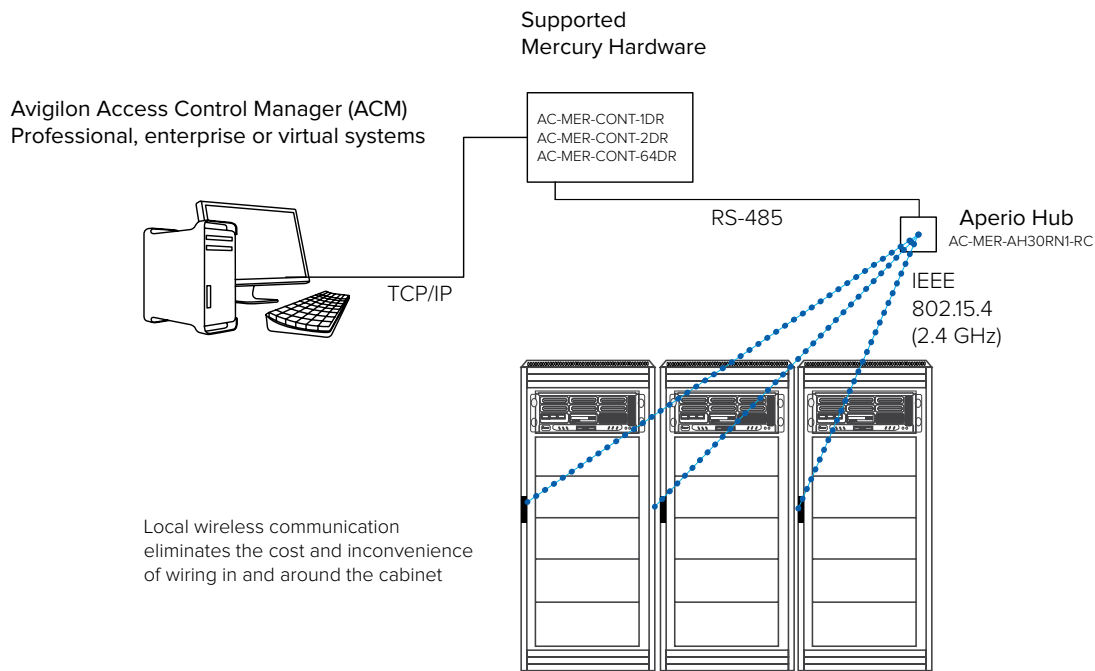
Dimensions (H x W x D)	390.5 mm x 44.5 mm x 50.8 mm; 15-3/8" x 1-3/4" x 2"
Power	Hardwired power, POE 48 V DC or standard 24 V DC
Encryption (wireless communication)	AES 128 bit
Wireless operating range	15.24 m (50 ft.) max. distance to wireless hub
Temperature range	0°C to 50°C (32°F to 122°F)
Humidity range	5-95% (non-condensing)
Status Indicator	LED (red/green)
Supported credentials	HID 125 kHz proximity or 13.56 MHz iClass

Ordering Information

AC-AA-HES-AP-KS100-640-SE	KS100 Network Rack Lock with iClass SE reader, POE powered
AC-AA-HES-AP-KS100-640-PA	KS100 Network Rack Lock with HID Prox reader, POE powered
AC-MER-AH30RN1-RC	ASSA ABLOY - Mercury Aperio Hub 1:8-with Avigilon Enablement SW
AC-MER-APD-10-USB	AS-APRD1/PAP1 USB radio dongle Programming Application Tool
AC-AA-HUB-EXT-10-ANT	ASSA ABLOY Aperio Hub External Antenna (Omnidirectional)
AC-MER-CONT-1DR	Access Platform EP1501 single door controller with PoE support (Mercury EP1501)
AC-MER-CONT-2DR	Access Platform EP1502 door controller (Mercury EP1502)
AC-MER-CONT-64DR	Access Platform EP2500 door controller (Mercury EP2500)

Please contact Avigilon for more ordering information

Typical Configuration



Aperio® wireless lock technology developed by ASSA ABLOY, the global leader in door opening solutions

