

A100 Keyless Entry Control with Aperio[®] Wireless Technology

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



The Aperio A100 from Adams Rite requires minimal field configuration for quick, easy wireless deployments that eliminate the costs and inconvenience of hardwiring the door. It also features fully-encrypted AES 128 bit wireless communication between the A100 narrow stile keyless entry control and Aperio Hub to ensure data security.

The A100 is ideal for narrow stile doors and includes an integrated card reader for ease of use with the ACM™ system. The A100 supports existing Adams Rite deadlocks, latches and exit devices.

Connect the Aperio Hub over RS485 to the supported Mercury panel to enable direct communication with the ACM system. The A100 series makes it easy for any company to expand the coverage of their security surveillance system more quickly and affordably.

KEY FEATURES

Easily connects to the Access Control Manager (ACM) system using Aperio technology

Use the ACM system to monitor and control user privileges, schedules and door events for the A100 series wireless locks

Connect up to eight Adams Rite A100 series keyless entry control locks to each Aperio AH30 Hub

Each A100 lock can send door position, request-to-exit, tamper and low battery events to the ACM system's intuitive interface

Enables efficient usage of power; battery powered by 4 AA alkaline batteries supports up to 60,000 activations

Vandal resistant lever with break-away (resettable) clutch

Supports HID 125kHz proximity or 13.56MHz iCLASS contactless credentials (full authentication, all formats); integrates easily with credential systems (check model number for compatibility)

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	4 x AA Alkaline
Battery life	60,000 activations
Encryption (wireless communication)	AES 128 bit
Wireless operating range	15.24 m (50 ft.) max. distance to wireless hub
Temperature range	-35°C to 65°C (-31°F to 151°F)
Humidity range	5-95% (non-condensing)
Status Indicator	LED (red/green)

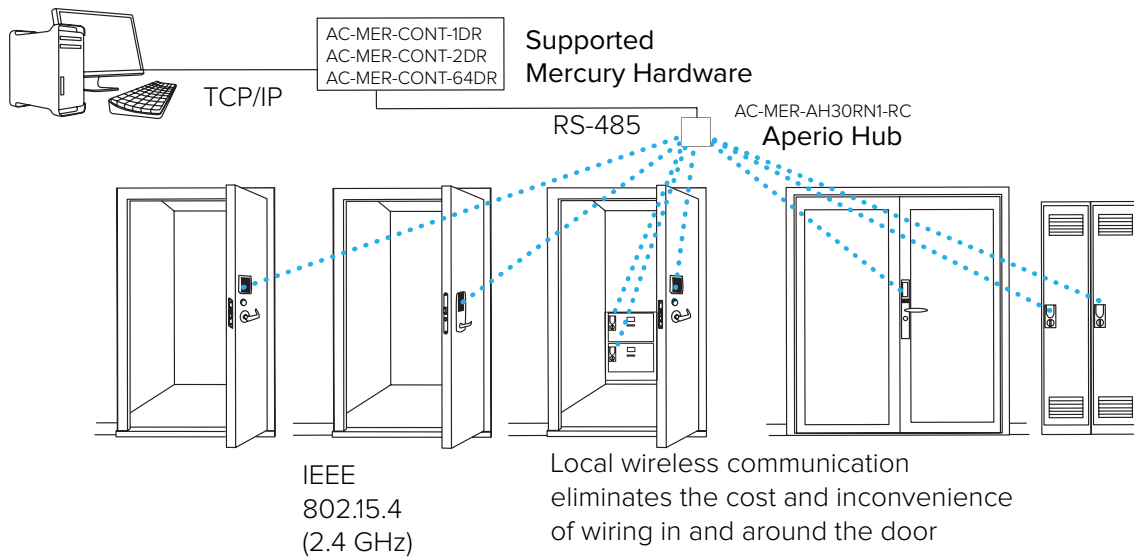
Ordering Information

AC-AA-AR-AP-A100-3090C-01	A100 for Deadlatch and Exit Devices – HID® 13.56 MHz iCLASS® Card Reader
AC-AA-AR-AP-A100-3090P-01	A100 for Deadlatch and Exit Devices – HID® 125 kHz Prox Card Reader
AC-AA-AR-AP-A100-3090CK-01	A100 for Deadlatch and Exit Devices – HID® 13.56 MHz iCLASS® Card Reader and Keypad
AC-AA-AR-AP-A100-3090PK-01	A100 for Deadlatch and Exit Devices – HID® 125 kHz Prox Card Reader and Keypad
AC-AA-AR-AP-A100-3090C-02	A100 for Deadbolts – HID® 13.56 MHz iCLASS® Card Reader
AC-AA-AR-AP-A100-3090P-02	A100 for Deadbolts – HID® 125 kHz Prox Card Reader
AC-AA-AR-AP-A100-3090CK-02	A100 for Deadbolts – HID® 13.56 MHz iCLASS® Card Reader and Keypad
AC-AA-AR-AP-A100-3090PK-02	A100 for Deadbolts – HID® 125 kHz Prox Card Reader and Keypad
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

Avigilon Access Control Manager (ACM)
Professional, enterprise or virtual systems



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

