

# IN100 Locks with Aperio<sup>®</sup> Wireless Technology

The Avigilon Access Control Manager (ACM) system utilizes ASSA ABLOY<sup>™</sup> Aperio<sup>®</sup> 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 IN100 lock from Corbin Russwin and SARGENT<sup>®</sup> requires minimal field configuration for quick, easy wireless deployments that eliminate the cost and inconvenience of complex wireless site surveys. It also features fully-encrypted AES 128 bit wireless communication between the IN100 lock and Aperio Hub to ensure data security.

The IN100 is ideal for interior door locations in schools and corporate office buildings. It includes an integrated card reader and a short range wireless radio for ease of use with the ACM<sup>™</sup> system and is available in cylindrical lock, mortise lock and exit device configurations.

Connect the Aperio Hub over RS485 to the supported Mercury panel to enable direct communication with the ACM system. The IN100 series makes it easy for any company to expand the coverage of their security surveillance system quickly and affordably.

### KEY FEATURES

- Integrated reader, monitoring and short range wireless radio simplifies installation and reduces material costs
- Each IN100 lock can send door position sensor, request-to-exit, tamper and low battery events to the ACM system's intuitive interface
- Connect up to eight Aperio locks to each Aperio AH30 Hub
- Provides simultaneous support for multiple credential types, including low frequency (125 kHz), high frequency (13.56 MHz) and mobile access via NFC-enabled mobile phones; integrate easily with existing credential systems
- Available in cylindrical lock, mortise lock and exit device configurations, offering the flexibility to support a variety of openings
- Industry leading ANSI/BHMA Grade 1 hardware offers the highest degree of physical security available in access control locks

# Technical Specification

Power	6 x AA Alkaline
Encryption (wireless communication)	AES 128 bit
Wireless operating range	15.24 m (50 ft.) max. distance to wireless hub
Operating Temperature range	Proximity products: -37°C to 66°C (-35°F to 151°F) iCLASS products: -25°C to 66°C (-13°F to 151°F)
Humidity range	<85% (non-condensing)
Supported credentials	125 kHz: HID Prox, Kantech ioProx, AWID and EM4102 13.56 MHz: HID iCLASS®, iCLASS SE® (SIO-enabled), iCLASS Seos™, SIO® on MIFARE Classic®, SIO on MIFARE® DESFire® EV1, MIFARE Classic, MIFARE DESFire EV1 and NFC-enabled mobile phones

# Ordering Information

AC-AA-SAP-28-IN100-10G77-IP-B-LL-26D	IN100 Entry Lock with cylinder override - Iclass, Reader Code - HID iCLASS®, HID iCLASS SE® (SIO-enabled), HID iCLASS® Seos™, HID MIFARE® SE, HID DESfire® EV1 SE, HID Prox®, NFC-enabled mobile phones, Black reader, black trim, Rose style, Lever style, Satin chrome (626) finish, L Lever
AC-AA-SAP-IN100-7978-IP-B-OBL-26D	IN100 Key override and no deadbolt, Reader Code- HID iCLASS®, HID iCLASS SE® (SIO-enabled), HID iCLASS® Seos™, HID MIFARE® SE, HID DESfire® EV1 SE, HID Prox®, NFC-enabled mobile phones, Black reader, black trim, Rose style, Lever style, Satin chrome (626) finish, L Lever
AC-AA-SAP-IN100-7978-IP-B-OBL-26D	IN100 Key override and deadbolt lock, Reader Code- HID iCLASS®, HID iCLASS SE® (SIO-enabled), HID iCLASS® Seos™, HID MIFARE® SE, HID DESfire® EV1 SE, HID Prox®, NFC-enabled mobile phones, Black reader, black trim, Rose style, Lever style, Satin chrome (626) finish, L Lever
AC-AA-SAP-IN100-7978-IPS-B-OBL-26D	IN100 Key override and no deadbolt, Reader Code - All credentials supported by the IP option plus MIFARE Classic and DESfire EV1, Black reader, black trim, Rose style, Lever style, Satin chrome (626) finish, L Lever
AC-AA-SAP-REX-11-70-IN100-8877-RS-IP-B-ETL-32D-RHR	IN100 Exit Rim with cylinder override, Reader Code- HID iCLASS®, HID iCLASS SE® (SIO-enabled), HID iCLASS® Seos™, HID MIFARE® SE, HID DESfire® EV1 SE, HID Prox®, NFC-enabled mobile phones, Black reader, black trim, Rose style, Lever style, Satin chrome (626) finish, L Lever, Right hand reverse handling, Customer to provide Rail size
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

