

PR100 Locks 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 SARGENT[®] PR100 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 PR100 lock and Aperio Hub to ensure data security.

The PR100 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[™] system and supports existing SARGENT cylindrical locks, mortise locks and exit devices.

Connect the Aperio Hub over RS485 to the supported Mercury panel to enable direct communication with the ACM system. The PR100 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

Real-time door status monitoring with REX, DPS, tamper, and low battery signals offers the ability to respond immediately to situations at opening

Connect up to eight Aperio locks to each Aperio AH30 hub

Available in 10 Line Bored Lock; 8200 Series Mortise Lock; 80 Series Exit Device, 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

Supports HID[®] 125 kHz prox or 13.56 MHz iCLASS[®] contactless credentials (full authentication, all formats); integrates easily with existing credential systems

Available with keypad for two-factor authentication

Technical Specification

Dimensions (W x H)	95 mm x 362 mm; 3-3/4" x 14-1/4"
Power	6 x AA (included)
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)
Supported credentials	HID 125 kHz proximity or 13.56 MHz iClass

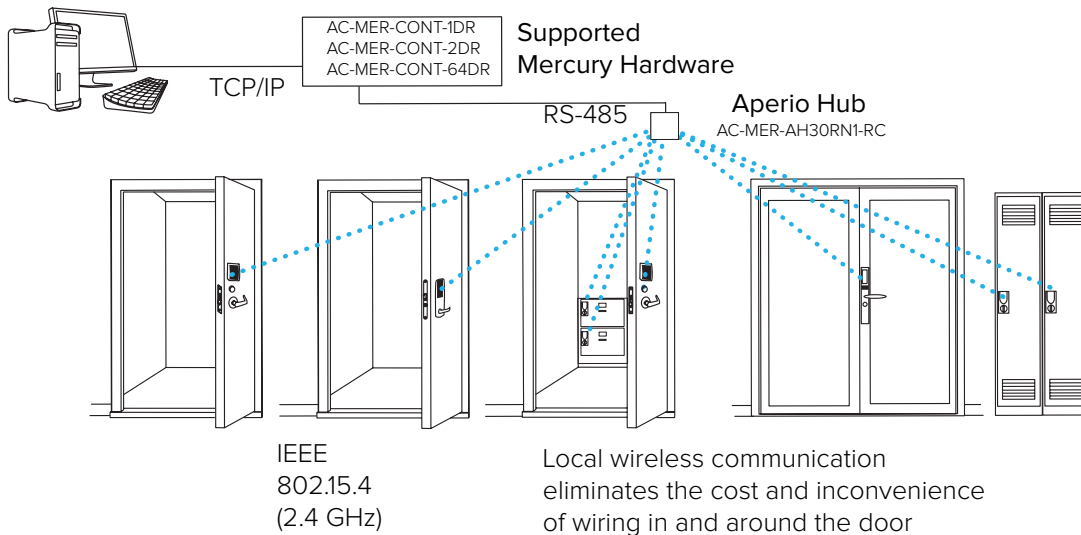
Ordering Information

AC-AA-SAP-CYL-28-N2-10G77-PAL-26D	PR100 - Prox only w/cyl. Override, Lockset x ANSI A115.2-1971, Strike #808, Satin chrome (626) finish, L Lever
AC-AA-SAP-MOR-N2-82276-PAL-26D	PR100 - Prox only, Entry Lock with cylinder override and deadbolt, Satin chrome (626) finish, L Lever
AC-AA-SAP-MOR-N2-82278-PAL-26D	PR100 - Prox only, Entry Lock with cylinder override (no deadbolt), Satin chrome (626) finish, L Lever
AC-AA-SAP-RIMEX-N2-8877-PA-ETL-32D	PR100 Rim Exit Device, ET x Lever Design – Prox only w/cyl. Override, Satin stainless steel (630) finish, L Lever
AC-AA-SAP-RIMEX-12-60-N2-8877-IK-ETL-32D	PR100 Rim Exit Device, ET x Lever Design – iCLASS & keypad with cyl. Override, SARGENT Large Format Interchangeable Plastic Disposable Construction Core, Satin stainless steel (630) finish, L Lever
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

