

Pro-Watch®/Assa Abloy Aperio® Integration

Designed to meet the challenges of today's demanding environments, Honeywell's Pro-Watch security management suite provides the flexibility, scalability and control required for comprehensive security management. Pro-Watch equips organizations with the right tools to protect people, secure assets and ensure regulatory compliance by combining access control, digital video, intrusion and other functions into one powerful system.

Integration with Assa Abloy's Aperio wireless lock family allows you to expand online access control to virtually every opening. Utilizing encrypted wireless technology, the Aperio line of locks communicate in real time with Pro-Watch allowing users to manage and monitor wirelessly connected doors similar to traditional wired doors.

Aperio locks are paired and communicate wirelessly to the Aperio hub which supports up to 8 locking devices per hub. Wireless communication between the locks and hub utilize 128-bit AES encryption to ensure security. The Aperio hub is wired via RS-485 directly to the PW6K1IC integrated controller allowing control of up to 64 Aperio locks per controller.

With a variety of different form factors, the Aperio locks can be installed or retrofitted for many different applications. Whether you need to secure a cabinet, server rack, retrofit a deadbolt or fit a full-size lock the Aperio product line has a solution to fit your needs.

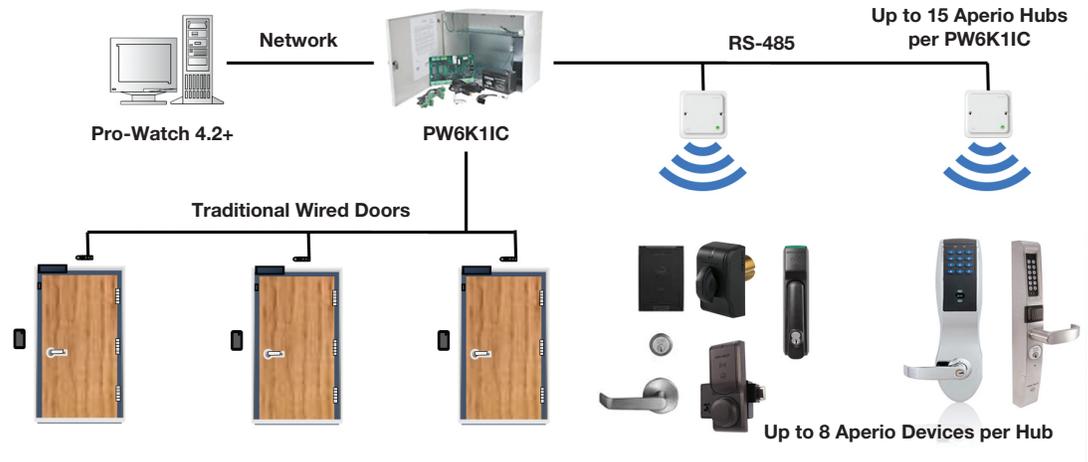
All form factors are available in either HID Prox technology or iClass allowing users to utilize their existing credentials.



FEATURES & BENEFITS

- Real time communication with Pro-Watch utilizing 900 MHz wireless protocol for superior wireless range
- Up to 64 Aperio devices per PW6K1IC controller
- Up to 8 Aperio devices per Aperio Hub
- Up to 15 Aperio hubs per PW6K1IC
- 128-bit AES encrypted wireless communication
- ANSI/BHMA Grade 1 hardware offering the highest degree of physical security
- Real-time event monitoring and control
- Supports HID Prox or HID iClass credentials
- Cabinet lock, server rack lock, deadbolt retrofit or full door form-factors
- Wide variety of custom handles and finishes available
- Passage door locks available in commercial grade mortise, cylindrical or exit door trim

Pro-Watch®/Assa Abloy Aperio® Integration System Architecture



Pro-Watch Software Requirements

- Pro-Watch 4.2 or higher
 Pro-Watch Wireless Reader License
 (1 per lock):
- PWWRDR for locks purchased through Honeywell
 - PWWRDR3P for locks purchased through a 3rd party

Pro-Watch Hardware Requirements

PW6K1IC
 Aperio / Honeywell RS-485 Wireless Hub

Aperio Wireless RS-485 Hub

Dimensions: 3.23" H x 3.23" W x 1.46" D (82mm x 82mm x 37mm)
 Wireless Range: up to ~80 ft (25 m) dependent on building environment
 Power Supply Type: 8 - 24VDC
 Operating Current: 80mA standby, 250mA max @ 12VDC
 Operating Environment: 41oF to 95oF (5oC to 35oC), non-condensing

Aperio Supported Events

- Open with Inside Handle
- Open with Card
- Door Held
- Door Held Return
- Incorrect PIN
- Incomplete Sequence for Card+PIN
- Card Rejected
- Card Access/Rejection if Panel is Offline
- Door Forced Open
- Door Forced Open Return
- Communication w/ Hub Lost
- Communication w/ Hub Re-established
- Communication w/ Lock Lost
- Communication w/ Lock Re-established
- Low Batter Warning



ORDERING*	
PR100-SPEC	Sargent Aperio PR100 Wireless Lock, Custom Configuration for Full Size Doors
IN100-SPEC	Sargent Aperio IN100 Wireless Lock, Custom Configuration for Full Size Doors
A100-SPEC	Adams Rite Aperio A100 Wireless Lock, Custom Configuration for Aluminum Retail Doors
K100-SPEC	HES Aperio K100 SPEC Wireless Cabinet Lock
KS100-SPEC	HES Aperio KS100 SPEC Wireless Network Rack Lock
R100-SPEC	Aperio Wireless Reader, Black
M100-SPEC	Medeco Aperio M100 SPEC Wireless Lock

ORDERING*	
AH30RN38192	Pro-Watch Aperio Hub 1:8, RS485, Supports up to 8 Locks, up to 15 hubs per PW6K1IC
AH20W14	Aperio Wiegand Hub 1:1, supports only 1 Aperio Lock via Wiegand Connection
APD-10-USB	Aperio USB Radio Dongle for Pairing Wireless Lock to Hub
APA-10-PC	Aperio Programming Kit (includes APD-10-USB dongle, set-up software & test card)
AS100	Aperio Wireless Door Position Switch
EXT-10-ANT	Aperio Hub External Antenna OmniDirectional

*Other models and configurations available.
 Contact your HIS sales representative for more information.

For more information

www.honeywell.com/security

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