Pro-Watch® / Schlage® AD-400® 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 Schlage's AD-400 wireless lock family allows you to expand online access control without the cost of running additional wiring using a modular platform that can be upgraded as needs change. Utilizing encrypted wireless technology, the AD-400 line of locks communicate in real time with Pro-Watch allowing users to manage and monitor wirelessly connected doors similar to traditional wired doors.

AD-400 locks communicate wirelessly to the Panel Interface Module (PIM) which supports up to 16 locks. Wireless communication between the locks and PIM utilize 128-bit AES encryption to ensure security. The PIM is wired via RS-485 directly to the PW6K1IC integrated controller allowing control of up to 64 AD-400 locks per controller.

With a variety of modular read heads available, the AD-400 locks can be configured or retrofitted for many different security and technology requirements. The AD-400 locks are available in cylindrical, mortise and exit trim configurations, and meet commercial grade 1 and UL 294 requirements.

All lock offerings are available in magnetic stripe, keypad, multi-technology or multi-technology with keypad reader head configurations and a wide variety of different lever styles and finishes.
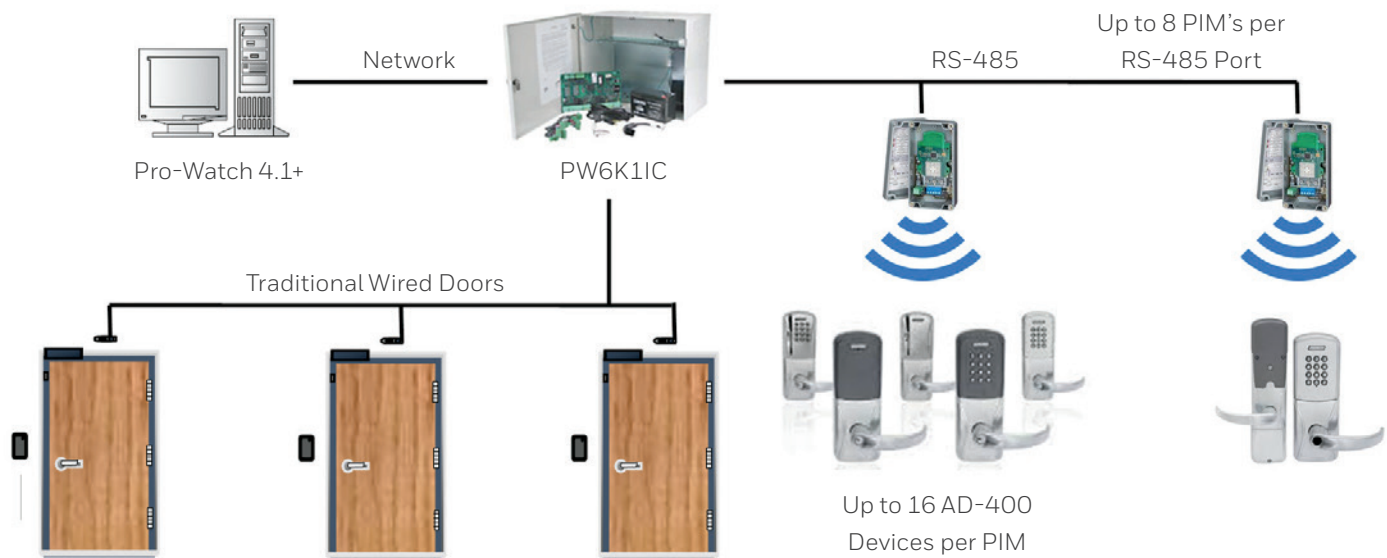
FEATURES

- Real time communication with Pro-Watch utilizing 900 MHz wireless protocol for superior wireless range
- Up to 64 AD-400 devices per PW6K1IC controller

- Up to 16 AD-400 devices per Panel Interface Module (PIM)
- Up to 8 PIM's per RS-485 port
- 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, iClass CSN, MIFARE and DESFire card formats
- Modular reader heads that can be field upgraded as technology or security requirements change

- Wide variety of custom handles and finishes available
- Passage door locks available in commercial grade mortise, cylindrical or exit door trim

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SYSTEM ARCHITECTURE

Network — Pro-Watch 4.1+

PW6K1IC

RS-485

Up to 8 PIM's per RS-485 Port

Traditional Wired Doors

Up to 16 AD-400 Devices per PIM

Pro-Watch Software Requirements

Pro-Watch 4.1 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 Controller

Schlage Pro-Watch RS-485 Panel Interface Module (PIM)

Schlage PIM

Dimensions: 6.3" H x 3.2" W x 2.2" D (160 mm x 81 mm x 56 mm)

Wireless Range: ~200 ft with obstructions (61 m), up to 1000 ft (305 m) clear line of sight

Power Supply Type: 12 – 24 VDC

Operating Current: up to 250 mA max

Operating Environment: -31°F to 151°F (-35°C to 66°C), non-condensing

AD-400 Supported Events

Request-to-Exit	Door Position
Mechanical Key Override	Low Battery Status
RF Communication Status	Remote Lockdown / Unlock

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ORDERING*

AD400-CYMTRH	AD400 Cylindrical Wireless Lock with Multi-tech Reader, Std Finish and Config, RH
AD400-CYMKRH	AD400 Cylindrical Wireless Lock with Multi-tech Reader with Keypad, Std Finish and Config, RH
AD400-MSMTRH	AD400 Mortise Wireless Lock with Multi-tech Reader, Std Finish and Config, RH
AD400-MSMKRH	AD400 Mortise Wireless Lock with Multi-tech Reader with Keypad, Std Finish and Config, RH
AD400-CYMTLH	AD400 Cylindrical Wireless Lock with Multi-tech Reader, Std Finish and Config, LH
AD400-CYMKLH	AD400 Cylindrical Wireless Lock with Multi-tech Reader with Keypad, Std Finish and Config, LH
AD400-MSMTLH	AD400 Mortise Wireless Lock with Multi-tech Reader, Std Finish and Config, LH
AD400-MSMKLH	AD400 Mortise Wireless Lock with Multi-tech Reader with Keypad, Std Finish and Config, LH
AD400-SPEC	AD400 Wireless Lock – Custom Configuration for Non-Standard Options
PWPIM400	AD400 Pro-Watch Wireless Panel Interface Module (PIM), RS485
HHDKIT	AD400 Programming and Set-up Kit
WPR400-DT	Wireless Portable Signal tester, for use with PWPIM400 or RSPIMTD2
WPR400-MT	Wireless Portable Reader with Multi-technology reader head
WPR400-MTK	Wireless Portable Reader with Multi-technology + Keypad reader head
RSANTREMIO	Omni-Directional, flat panel, remote indoor/outdoor antenna with adjustable mount
RS593PI12DC	120 VAC to 12 VDC Power Supply for RSPIMTD2, PWPIM400, WRI400
RSPIMTD2	Wireless Panel Interface Module (PIM), wiegand interface, supports 2 doors
RSGCK101	Schlage Wireless Gate Control Kit

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

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Honeywell