Access 800® IP1

Intelligent Power over Ethernet (PoE) Access Control

Corbin Russwin
ASSA ABLOY

The Corbin Russwin Access 800® IP1 is an intelligent Power over Ethernet (PoE) solution that integrates all standard access control components – including ANSI/BHMA Grade 1 Corbin Russwin hardware, contactless reader, door status monitoring, and controller – into a single device.

The *Access 800* IP1 PoE lock uses a single Ethernet cable for both power and data, eliminating the need for any additional power supply or electrical wiring. It uses existing IEEE 802.3af PoE infrastructure to streamline the installation process, reduce costs, enable real-time communication, and minimize power consumption.

Using the Local Area Network and HID® 125 kHz proximity or 13.56 MHz iCLASS® credentials, the Access 800 IP1 offers complete access control features such as built-in door status monitoring and real-time configurable alarm notifications. Local decision making ensures operation regardless of network status.

GENUINE HID TECHNOLOGY™

Access 800® IP1

Intelligent PoE Access Control

Applications

Access 800® IP1 is ideal for
Corporate campuses
Schools
Healthcare facilities

Specifications and System Requirements

Operating Power:
› Power supplied through Ethernet
› Class 2 Device as defined by IEEE 802.3af, requiring a maximum of 7 Watts

Software:
› Lock Management Tool – Available for small installations
› To ensure quick and easy integration, our products are tested and certified to work with access control software and systems from many providers. Visit www.intelligentopenings.com for a complete list of partners.
› Software Development Kit (SDK) and support available to integrate into third party access control systems. Call 800-810-WIRE for assistance.

Security:
› Advanced data security with standard encryption techniques
  – AES 128-bit encryption

Available through Authorized Channel Partners only. Contact your ASSA ABLOY Door Security Solutions sales consultant for details.
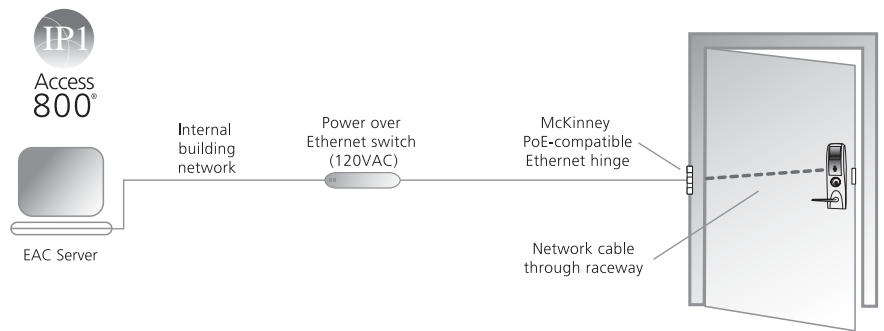
Sold through
ASSA ABLOY AUTHORIZED CHANNEL PARTNER

To be Installed by
ASSA ABLOY CERTIFIED INTEGRATOR

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Features & Benefits

• Utilizes IEEE 802.3af PoE-enabled network infrastructure for both power and data
• Integrated ANSI/BHMA Grade 1 lock, available in cylindrical lock, mortise lock and exit device configurations
• Local decision making ensures operation regardless of network status
• Built-in door status monitoring and real-time, configurable alarm notifications
• Real-time communication provides online access control functionality including lockdown
• Supports 2,400 users and 10,000 event audit trail
• Supports HID® 125 kHz prox or 13.56 MHz iCLASS® credentials (26 - 39 bit); supports CSN reads for other common 13.56 MHz cards, including MiFare, DesFire, and Felica
• Full iCLASS credential authentication
• Available with a keypad option for two-factor authentication
• Available with a variety of finishes and Muséo® decorative levers for a consistent design aesthetic throughout your facility
• Weatherseal gaskets and conduit included for use on exterior door
• Significantly reduces installation time and cost compared to traditional access control
• Integration with many popular third party access control systems. For more information, call 800-810-WIRE
• No proprietary equipment required; integrates easily with existing infrastructure

Typical System Configuration

IP1 Access 800®

EAC Server

Internal building network

Power over Ethernet switch (120VAC)

McKinney PoE-compatible Ethernet hinge

Network cable through raceway

Available with Muséo® and Vineyard™ levers

MUSÉO. | Vineyard™ collection V

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.