

openpath

electro
A World of Automation



2022 Product Guide



Future-Proof Mobile Access Control

On a mission to improve safety and security for the built world, Openpath creates smart, customizable access control solutions. Sleek hardware and convenient hands-free, mobile entry enhances the user experience, while cloud-based enterprise software effortlessly scales to make remote system management easier than ever.

Our platform is designed with an open API architecture and backwards compatibility for superior interoperability. Seamlessly integrate with best-of-breed technology partners, including solutions for tailgating, video management and surveillance, lockdown, active directory platforms, visitor management, building automation and more.



Physical Security

Smart devices can instantly improve your security profile by enabling multi-factor and/or biometric authentication, one time passwords, employee location awareness, and immediately effective credential revocation.



Virtual Security

The cloud is continuously upgraded and updated to protect against emerging threats. Local computers will often remain vulnerable and need time-consuming upgrades to various system software.

Secured access done right

Key Features



Wave to Unlock
Unlock the door without ever needing to take your phone out of your pocket



Wellness Verification
Automate symptom screenings required for entry



Occupancy Tracking
Manage and set capacity limits to enforce social distancing



Triple Unlock
Patented technology uses BLE, WiFi, and Cellular signals for optimal efficiency



Lock Down
Instantly activate custom lockdowns, any time from anywhere



Integrations
Openpath integrates with the solutions you already use



Real-Time Reporting
See access events as they happen



Remote Access
Unlock any door from anywhere



Guest Pass
Text a one-time key to visitors



Scheduled Locking
Set schedules for any entry



Mobile Unlock
Use a mobile phone or smartwatch to gain access



Deployment Options
Our solution works as a standalone access control system or an add-on to the one you already have

Safer by design

Keys can be copied, badges passed around, and an unattended desk can give the wrong person the right credentials. Access control systems are only as secure as their fundamentals. We designed Openpath as a complete security ecosystem, with solutions to some of the most common complaints in the industry. Mitigate risk with the following security features.



Cloud Software

Manage all your sites and users from a single interface for real-time access control 24/7

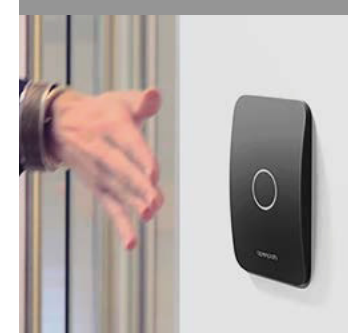
Hardware

All you'll need are Openpath's Smart Hub and Readers to get your system up and running

Access Points

Openpath has many ways in. Employees can choose which secure key fits them best.

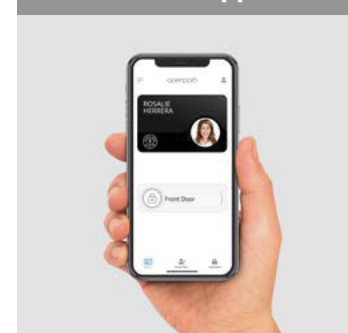
wave to unlock



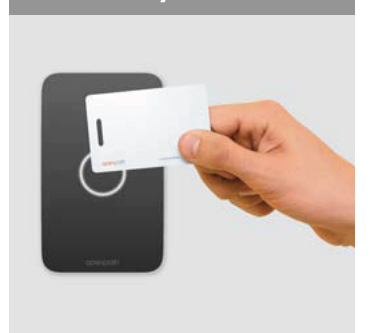
smart watch



mobile app



key card



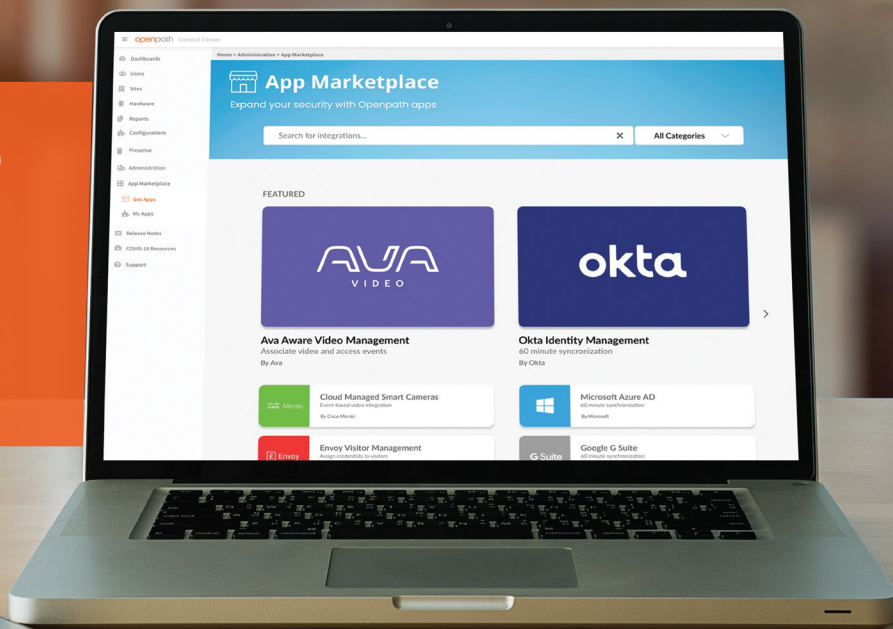
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contact us to get started: sales@openpath.com or 1-844-673-6728

visit openpath.com to learn more

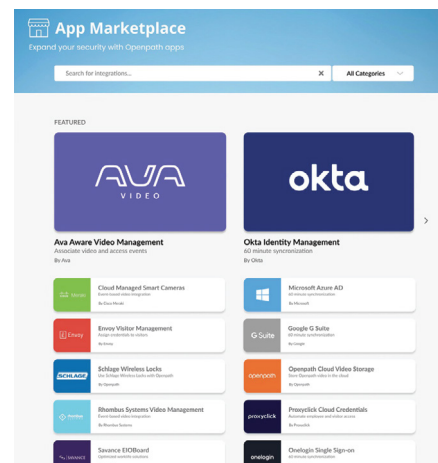
Openpath App Marketplace

Your one-stop-shop for seamless integrations with leading tech companies and providers.



The Openpath App Marketplace is where you can discover, enable, and configure integrations that strengthen your security solution. The App Marketplace includes 40+ apps for:

- Identity providers
- Video management
- Visitor management
- Tenant experience
- Wireless locks
- Badge printing
- And more



App Marketplace

Get Apps

My Apps

Get App

Q: How do I access the App Marketplace?

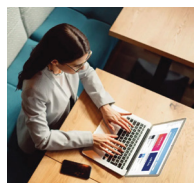
A: New accounts created after February 1, 2022 can access the App Marketplace from the Control Center. Existing accounts will continue to use the Integrations page and will be migrated over to the App Marketplace soon.

Q: How do I add apps to my account?

A: If you have self-service options, click “Get App” and follow the instructions for enabling the integration. If not, click “Get App” to send a request and your Openpath partner will set up the integration for you.

Q: How do I create apps for Openpath?

A: If you have an app or service that you’d like to integrate with Openpath, you can learn more about becoming a technology partner at openpath.com/technology-partners



Video Reader Pro

The Openpath Video Reader Pro combines the heightened security of a built-in high resolution camera with the form factor of a mullion door reader. Automatically associate video footage with access events and visually monitor entries in the Openpath Control Center. The Video Reader Pro is a multi-technology reader that supports both low (125 kHz) and high (13.56 MHz) frequencies. The camera angle is adjustable during installation, ensuring optimal video footage.

Features

Fast & Reliable
Patented Triple Unlock with Bluetooth, WiFi and cellular data

Touchless Access
Supports hands-free Wave to Unlock, mobile or watch app, tablet, HF and LF keycards, fobs, and Cloud Key

Video at the door
Associate video with access events or alerts and visually monitor entries from the app or Control Center

Cloud Security
Encrypted end-to-end communication, strong public key cryptography

Interoperability
Easily integrates with physical on-premise systems and logical software systems

Simple Management
Software runs in the cloud, no need to set up or maintain local servers and software

Capacity Tracking
Track occupancy and enforce capacity limits with innovative BLE functionality

Monitoring
Built-in diagnostic and real-time troubleshooting insights

Reliability
Instant software upgrades ensure consistent, high-quality performance



Choose your way in



Video Reader Pro

- Card Compatibility**
- Openpath DESFire EV3
 - MIFARE Classic/DESFire/Ultralight (ISO14443A) CSN
 - Openpath Proximity
 - HID® Proximity
 - LenelProx®

Specifications	
Cloud Managed	Yes
Form	Mullion
Color	Black
Frequency	125 kHz, 13.56 MHz
Openpath Bluetooth	Yes
NFC	Yes
Wave to Unlock	Yes
Auto Proximity Unlock	Yes
Image Sensor	1 / 2.5" 5MP CMOS
Resolution	5MP (2592 x 1944) recording at 25 fps
Video Compression	H.264, MJPEG
Bit Rate	CBR, VBR, MBR
Focal Length	2.8mm (F1.6)
Field of View	Horizontal: 109° Vertical: 81° Diagonal: 136°
Min. Illumination	Color: 2.5 lux B/W: 0.0 lux (IR LED on)
IR Range	9m (29.53ft)
Wide Dynamic Range	HDR (87dB)
Operating Temperature	-40C (-40F) to 50C (122F) Cold start -25C (-13F)
Storage Temperature	-40C (-40F) to 50C (122F)
Operating Humidity	Up to 90% RH non-condensing
Standards	ISO 14443A, Prox
Certification	FCC, UL 294, CE
Environmental	IP65

- Installation Options**
- Surface mounted on wall
 - Mounted on gang box
 - Installed inside metal enclosure

- Features**
- High resolution built-in camera records entry activity
 - Supports Openpath's Triple Unlock technology
 - Can connect to third-party legacy access control panel
 - Indoor/outdoor design
 - NDAA compliant
 - 5 year warranty

- Installation**
- Easy install via a single Ethernet cable
 - Wiegand Input/Output for third-party support

PIGTAIL color	Name	Description
Ethernet	--	RJ-45 connector
Black	GND	Wiegand RTN
Green	WD0	Wiegand Data 0
White	WD1	Wiegand Data 1
Blue/White Stripe	NO	Relay Normally Open
Orange/White Stripe	COM	Relay Common
Green/Yellow Stripe	GND	Ground (RTN)

- Security**
- Fully encrypted communication between mobile app and controller
 - Fully encrypted communication between Openpath key cards and reader
 - Eliminates the threat of copying or cloning Openpath key cards
 - Includes tamper resistant secure storage

- System Compatibility**
- Video Reader Pro works with Openpath Access System including Openpath controllers, cloud management software, and mobile app
 - Video Reader Pro works with legacy access control systems via Mobile Gateway option
 - Video Reader Pro works with third-party VMS software via open video standards

- Dimensions**
- With Mullion bracket: 155 x 47 x 37 mm (6.1 x 1.85 x 1.45 in)
 - With Standard bracket: 187 x 78 x 37 mm (7.36 x 3.07 x 1.45 in)
 - Weight: 287 g (0.63 lbs)

- Power Rating**
- Input Voltage: 802.3af PoE (48VDC)
 - Power Consumption: 7.8W

- Video Storage**
- Edge storage: 10GB eMMC (network failover recording)
 - Cloud storage: 30, 60, 90, 180 plans available

Video Intercom Reader Pro

The Openpath Video Intercom Reader Pro combines a built-in high resolution camera, intelligent intercom, and multi-technology reader into a slim and sleek form factor. Visitors use the intercom to initiate calls, communicate with assigned users, and are visually identified within the Openpath app. Automatically associate video footage with access events and visually monitor entries in the Openpath Control Center. The Video Intercom Reader Pro is a multi-technology reader that supports both low (125 kHz) and high (13.56 MHz) frequencies. The camera angle is adjustable during installation, ensuring optimal video footage.

Features

Works with any System

Easily integrates with legacy access control systems, logical software systems, and existing video systems via ONVIF-compliant platform

Touchless Reliable Access

Our patented Triple Unlock technology supports hands-free supports hands-free Wave to Unlock, mobile or watch app, tablet, HF and LF keycards, fobs, and Cloud Key

Video at the Door

Associate video with access events or alerts and visually monitor entries from the app or Control Center

Smart Intercom

Visitors can tell the Video Intercom Reader Pro the name of the person they're visiting, ask to speak to a receptionist, or leave a voicemail, all via the intercom's intelligent voice interface

Clear Calls

Two-way audio streaming with echo and noise cancellation lets you easily communicate with guests at the door

Easy to Install

Sleek mullion form factor is easy to mount and install with simple PoE connectivity and snap-in design

Cloud Security

Encrypted end-to-end communication, strong public key cryptography

Interoperability

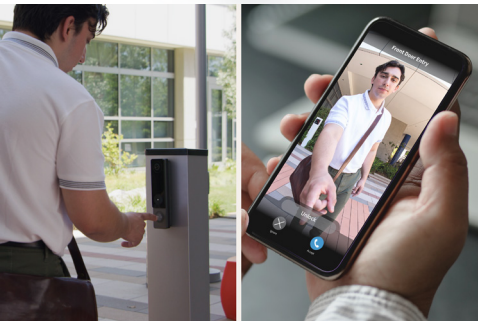
Easily integrates with physical on-premise systems and logical software systems

Capacity Tracking

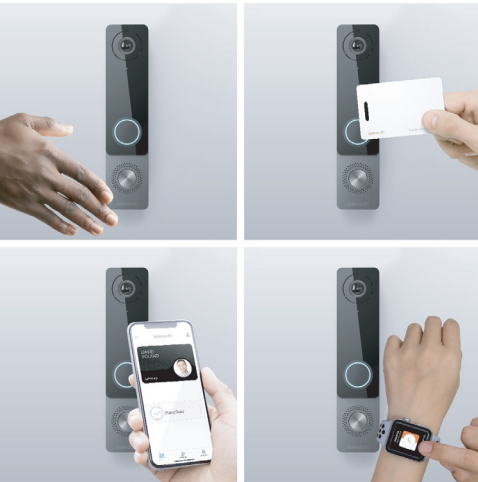
Track occupancy and enforce capacity limits with innovative BLE functionality

Monitoring

Built-in diagnostic and real-time troubleshooting insights



Choose your way in



Video Intercom Reader Pro

Card Compatibility

- Openpath DESFire EV3
- MIFARE Classic/DESFire/Ultralight (ISO14443A) CSN
- Openpath Proximity
- HID® Proximity
- LenelProx®

Specifications

Cloud Managed	Yes
Form	Mullion
Color	Black
Frequency	125 kHz, 13.56 MHz
Openpath Bluetooth	Yes
NFC	Yes
Wave to Unlock	Yes
Auto Proximity Unlock	Yes
Image Sensor	1 / 2.5" 5MP CMOS
Resolution	5MP (2592 x 1944) recording at 25 fps
Video Compression	H.264, MJPEG
Bit Rate	CBR, VBR, MBR
Focal Length	2.8mm (F1.6)
Field of View	Horizontal: 109° Vertical: 81° Diagonal: 136°
Min. Illumination	Color: 2.5 lux B/W: 0.0 lux (IR LED on)
IR Range	9m (29.53ft)
Wide Dynamic Range	HDR (87dB)
Audio Streaming	Two-way, full duplex with echo and noise cancellation
Audio Input/Output	Built-in microphone array, omni-directional; Built-in speaker
Audio Encoding	G.711u, G.711a, G.726
Operating Temperature	-40C (-40F) to 50C (122F) Cold start -25C (-13F)
Storage Temperature	-40C (-40F) to 50C (122F)
Operating Humidity	Up to 90% RH non-condensing
Standards	ISO 14443A, Prox
Certification	FCC, UL 294, CE
Environmental	IP65

Installation Options

- Surface mounted on wall
- Mounted on gang box
- Installed inside metal enclosure

Features

- High resolution built-in camera records entry activity
- Smart intercom interface supports multiple configurations
- Supports Openpath's Triple Unlock technology
- Can connect to third-party legacy access control panel
- Indoor/outdoor design
- NDAA/TAA compliant
- Five year warranty

Installation

- Easy install via a single Ethernet cable
- Wiegand Input/Output for third-party support

PIGTAIL color	Name	Description
Ethernet	--	RJ-45 connector
Black	GND	Wiegand RTN
Green	WD0	Wiegand Data 0
White	WD1	Wiegand Data 1
Blue/White Stripe	NO	Relay Normally Open
Orange/White Stripe	COM	Relay Common
Green/Yellow Stripe	GND	Ground (RTN)

Temperature should not exceed -40°C to 60°C (-40°F to 140°F)

Security

- Fully encrypted communication between mobile app and controller
- Fully encrypted communication between Openpath key cards and reader
- Eliminates the threat of copying or cloning Openpath key cards
- Includes tamper resistant secure storage

System Compatibility

- Video Intercom Reader Pro works with Openpath Access System including Openpath controllers, cloud management software, and mobile app
- Video Intercom Reader Pro works with legacy access control systems via Mobile Gateway option
- Video Intercom Reader Pro works with third-party VMS software via open video standards, including ONVIF and RTSP

Dimensions

- With Mullion bracket: 204 x 47 x 37 mm (8.02 x 1.85 x 1.45 in)
- With Standard bracket: 235 x 78 x 37 mm (9.25 x 3.07 x 1.45 in)
- Weight: 384 g (0.85 lbs)

Power Rating

- Input Voltage: 802.3af PoE (48VDC)
- Power Consumption: 10.8W

Video Storage

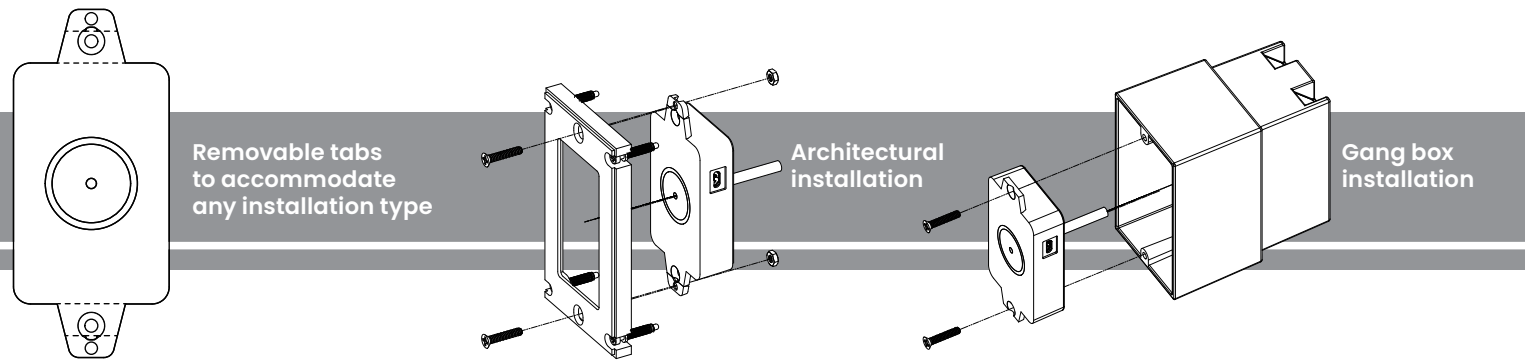
- Edge storage: 10GB eMMC (network failover recording)
- Cloud storage: 30, 60, 90, 180 plans available

Intercom Functionality

- Initiate and accept calls from the Control Center or Openpath app
- Subscription options available based on number of users

Openpath Embedded USB Smart Reader

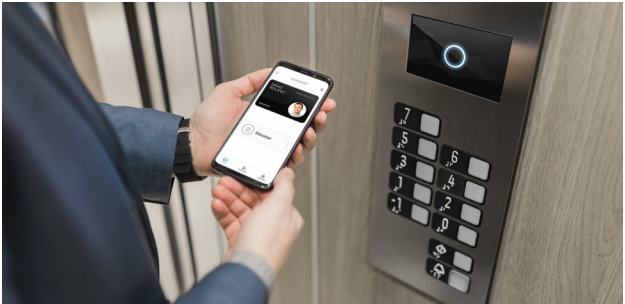
The Openpath Embedded USB Smart Reader combines the functionality of a USB printer reader, desktop enrollment reader, and embedded module into one device. This multi-technology reader supports both low (125 kHz) and high (13.56 MHz) frequencies. The reader can be installed on a single gang box, embedded into a wall for an architectural application, installed inside turnstiles and elevators, or used at a desk or printer. Choose between using the RS-485 terminal block or the USB port depending on your configuration.



Openpath Access

Openpath creates smart security solutions for the modern office. The company’s flagship product, Openpath Access, combines sleek hardware with an app, enabling employees to enter the office using their smartphone. Unlike legacy systems, Openpath’s software is cloud-based, meaning Access easily scales with your business and seamlessly integrates with platforms like G Suite and Azure AD.

Openpath’s patented SurePath Mobile technology ensures reliability and quick entry via Bluetooth, Wi-Fi and LTE. With encryption at every level and powerful, user-level permissions, Openpath Access is both more secure and more dynamic than traditional access control systems. Openpath Access’ streamlined, customizable features make office management easier than ever.



Features

- Snap-off brackets support multiple mounting applications
- USB port supports enrollment reader and secured printing functionality
- Small size fits inside turnstiles, elevators, kiosks, and other embedded applications
- Supports auxiliary Wiegand readers connected through the Openpath reader
- Functions seamlessly with the mobile application
- Available on both Android and iOS
- Works with Smart Watches in addition to the mobile app
- Supports remote unlocking with user-level privileges
- Lifetime warranty

Installation

- Easy installation via RS-485 wiring or USB connection
- Compatible with legacy Wiegand wiring

PIN	Name (short)	Name (full)
1	LED	Wiegand LED
2	BUZZER	Wiegand Buzzer
3	WD1	Wiegand Data 1
4	WD0	Wiegand Data 0
5	-A	RS485-A
6	+B	RS485-B
7	VO	Wiegand Voltage
8	GND	Wiegand RTN
9	VIN	+12V IN
10	GND	Ground (RTN)

RS-485 and
Wiegand Terminal
Block Definitions

Temperature should not exceed -30°C to 60°C (-22°F to 140°F)

Embedded Smart Reader

Card Compatibility

- Openpath DESFire EV3
- MIFARE Classic/DESFire/Ultralight (ISO14443A) CSN
- Openpath Proximity
- HID® Proximity
- LenelProx®

Specifications

Cloud Managed	Yes
Form	Mini
Color	Black
Frequency	125 kHz, 13.56 MHz
Openpath Bluetooth	Yes
NFC	Yes
Wave to Unlock/Touch	Yes
Auto Proximity Unlock	Yes
Openpath Prox Cards/Fobs	Yes
HID® Prox	Yes
LenelProx®	Yes
Openpath DESFire EV3	Yes
MIFARE/DESFire (CSN)	Yes
Standards	ISO 14443A, Prox
Environmental	Indoor use only

Security

- Fully encrypted communication between mobile app and controller
- Fully encrypted communication between Openpath key cards and reader
- Eliminates the threat of copying or cloning Openpath key cards
- Includes tamper resistant secure storage

System Compatibility

- Reader works with Openpath Access System including Openpath controllers, cloud management software, and mobile app
- Reader works with legacy access control systems via Mobile Gateway option

Dimensions

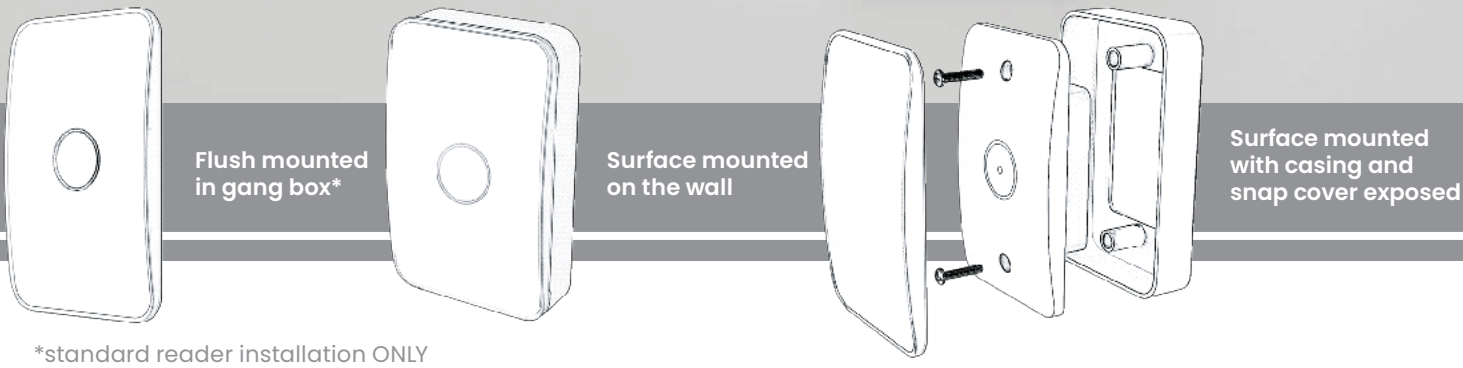
- With all tabs intact: 4.6 x 10.2 x 1.8 cm (1.8 x 4 x 0.7 in)
- With outer tabs removed: 4.6 x 8.9 x 1.8 cm (1.8 x 3.5 x 0.7 in)
- With all tabs removed: 4.6 x 7 x 1.8 cm (1.8 x 2.8 x 0.7 in)

Power Rating

- 0.5A @ 5VDC
- 0.25A @ 12VDC
- 0.12A @ 24VDC

Openpath
Smart Reader v2

The Openpath door reader leverages industry leading security combined with an elegant design that will enhance any door and office environment. The Smart Reader v2 is a multi-technology reader that supports both low (125 kHz) and high (13.56 MHz) frequencies. The standard reader can be flush mount inside a single gang box, providing a slim profile, while the mullion form is ideal for surface mounting where space is limited, like on a doorframe.



Openpath Access

Openpath creates smart security solutions for the modern office. The company’s flagship product, Openpath Access, combines sleek hardware with an app, enabling employees to enter the office using their smartphone. Unlike legacy systems, Openpath’s software is cloud-based, meaning Access easily scales with your business and seamlessly integrates with platforms like G Suite and Azure AD.

Openpath’s patented SurePath Mobile technology ensures reliability and quick entry via Bluetooth, Wi-Fi and LTE. With encryption at every level and powerful, user-level permissions, Openpath Access is both more secure and more dynamic than traditional access control systems. Openpath Access’ streamlined, customizable features make office management easier than ever.



Smart Reader v2
Card Compatibility

- Openpath DESFire EV3
- MIFARE Classic/DESFire/Ultralight (ISO14443A) CSN
- Openpath Proximity
- HID® Proximity
- LenelProx®

Specifications

Cloud Managed	Yes
Form	Standard
Color	Black, White*
Frequency	125 kHz, 13.56 MHz
Openpath Bluetooth	Yes
NFC	Yes
Wave to Unlock/Touch	Yes
Auto Proximity Unlock	Yes
Openpath Prox Cards/Fobs	Yes
HID® Prox	Yes
LenelProx®	Yes
Openpath DESFire EV2	Yes
MIFARE/DESFire (CSN)	Yes
Standards	ISO 14443A, Prox
Certification	FCC, UL 294, CE
Environmental	IP65

*White only available for Standard Smart Readers

Features

- Snap-on faceplate (standard reader only)
- Modern design, can seamlessly blend into or upgrade the aesthetics of any entry
- Indoor/outdoor design
- Supports auxiliary Wiegand readers connected through the Openpath reader
- Functions seamlessly with the mobile application
- Available on both Android and iOS
- Works with Smart Watches in addition to the mobile app
- Supports remote unlocking with user-level privileges
- Lifetime warranty

Installation

- Easy installation via RS-485 wiring
- Compatible with legacy Wiegand wiring

PIGTAIL color	Name (short)	Name (full)
Gray	GND	Ground (RTN)
Blue	+B	RS485-B
Violet	-A	RS485-A
Orange	VIN	+12V IN

Primary Controller
Connections

Red	VO	Wiegand Voltage
Black	GND	Wiegand RTN
Green	WD0	Wiegand Data 0
White	WD1	Wiegand Data 1
Brown	LED	Wiegand LED
Yellow	BUZZER	Wiegand Buzzer

Connections to Auxiliary
Wiegand Reader

Temperature should not exceed -30°C to 60°C (-22°F to 140°F)

Security

- Fully encrypted communication between mobile app and controller
- Fully encrypted communication between Openpath key cards and reader
- Eliminates the threat of copying or cloning Openpath key cards
- Includes tamper resistant secure storage

System Compatibility

- Reader works with Openpath Access System including Openpath controllers, cloud management software, and mobile app
- Reader works with legacy access control systems via Mobile Gateway option

Standard Reader Dimensions

- With back cover, no gang box: 7.4 x 12.0 x 2.3 cm (2.9 x 4.7 x 0.9 in)
- No back cover, on gang box: 7.4 x 12.0 x 1.1 cm (2.9 x 4.7 x 0.43 in)

Mullion Reader Dimensions

- 4.3 x 11.9 x 2.2 cm (1.7 x 4.7 x 0.86 in)

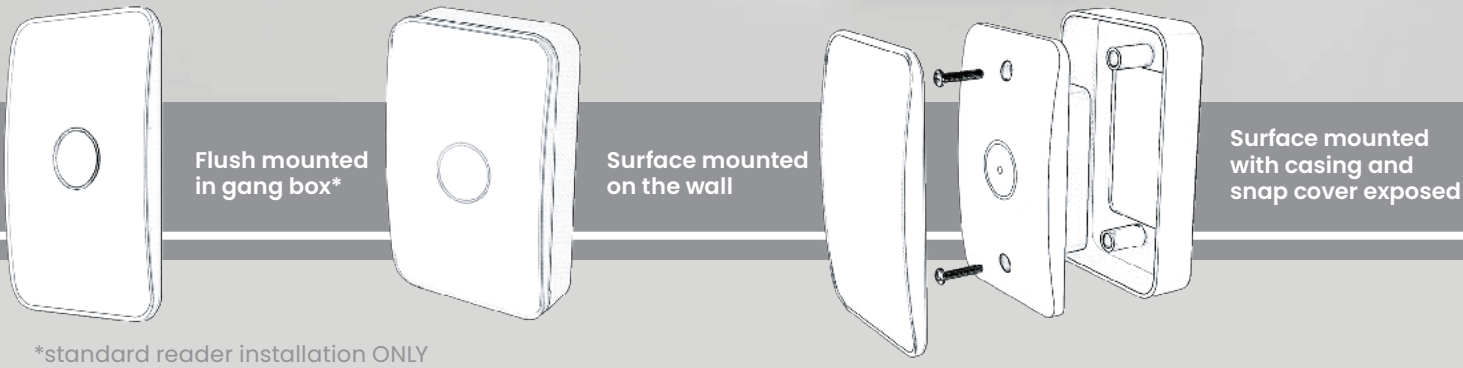
Power Rating

- 0.25A @ 12VDC
- 0.12A @ 24VDC



Openpath Smart Readers

The Openpath door reader leverages industry leading security combined with an elegant design that will enhance any door and office environment. Now offered in both high frequency (HF) and low frequency (LF) options, the Openpath reader fits your specific needs. The standard reader can be flush mount inside a single gang box, providing a slim profile, while the mullion form is ideal for surface mounting where space is limited, like on a doorframe.



Openpath Access

Openpath creates smart security solutions for the modern office. The company’s flagship product, Openpath Access, combines sleek hardware with an app, enabling employees to enter the office using their smartphone. Unlike legacy systems, Openpath’s software is cloud-based, meaning Access easily scales with your business and seamlessly integrates with platforms like G Suite and Azure AD.

Openpath’s patented SurePath Mobile technology ensures reliability and quick entry via Bluetooth, Wi-Fi and LTE. With encryption at every level and powerful, user-level permissions, Openpath Access is both more secure and more dynamic than traditional access control systems. Openpath Access’ streamlined, customizable features make office management easier than ever.



HF Door Reader
Card Compatibility

- Openpath DESFire EV3
- MIFARE Classic/DESFire/Ultralight (ISO14443A) CSN

LF Door Reader
Card Compatibility

- Openpath Proximity
- HID® Proximity
- LenelProx®

	HF Reader	LF Reader
Cloud Managed	Yes	Yes
Form	Standard, Mullion	Standard, Mullion
Color	Black, White*	Black, White*
Frequency	13.56 MHz	125 kHz
Openpath Bluetooth	Yes	Yes
NFC	Yes	No
Wave to Unlock/Touch	Yes	Yes
Auto Proximity Unlock	Yes	Yes
Openpath Prox Cards/Fobs	No	Yes
HID® Prox	No	Yes
LenelProx®	No	Yes
Openpath DESFire EV2	Yes	No
MIFARE/DESFire (CSN)	Yes	No
Standards	ISO 14443A	Prox
Certification	FCC, UL 294, CE	FCC, UL 294, CE
Environmental	IP65	IP65

*White only available for Standard Smart Readers

Features

- Snap-on faceplate (standard reader only)
- Modern design, can seamlessly blend into or upgrade the aesthetics of any entry
- Indoor/outdoor design
- Supports auxiliary Wiegand readers connected through the Openpath reader
- Functions seamlessly with the mobile application
- Available on both Android and iOS
- Integrates with Smart Watches in addition to the mobile app
- Supports remote unlocking with user-level privileges
- Lifetime warranty

Installation

- Easy installation via RS-485 wiring, compatible with legacy Wiegand wiring, to the Openpath Smart Hub access control unit (ACU). Wiring details:

PIGTAIL color	Name (short)	Name (full)	
Gray	GND	Ground (RTN)	Primary ACU Connections
Blue	+B	RS485-B	
Violet	-A	RS485-A	
Orange	VIN	+12V IN	
Red	VO	Wiegand Voltage	Connections to Auxiliary Wiegand Reader
Black	GND	Wiegand RTN	
Green	WD0	Wiegand Data 0	
White	WD1	Wiegand Data 1	
Brown	LED	Wiegand LED	
Yellow	BUZZER	Wiegand Buzzer	

Temperature should not exceed -22°F to 140°F (-30°C to 60°C)

Security

- Fully encrypted communication between mobile app and ACU
- Fully encrypted communication between Openpath key cards and reader
- Eliminates the threat of copying or cloning Openpath key cards

System Compatibility

- Reader works with Openpath Access System including Openpath ACUs, Cloud Management Software, and Mobile App
- Reader works with legacy access control systems via Mobile Gateway option

Standard Reader Dimensions

- With back cover, no gang box: 2.9 x 4.7 x 0.9 in (7.4 x 12.0 x 2.3 cm)
- No back cover, on gang box: 2.9 x 4.7 x 0.43 in (7.4 x 12.0 x 1.1 cm)

Mullion Reader Dimensions

- 1.7 x 4.7 x 0.86 in (4.3 x 11.9 x 2.2 cm)

Power Rating

- 0.25A @ 12VDC



Openpath Single Door Controller

Access Control Unit

The Openpath Single Door Controller is an access control unit that supports up to two entries and two Openpath Smart Readers. The Controller securely makes all entry decisions and can be configured via Bluetooth using the Openpath Admin App. With wired and wireless connectivity, the Single Door Controller communicates with the Openpath access control cloud for system management and maintenance. It includes ports for Relays (Dry/Wet), Openpath Smart Readers, Request to Exit (REX) Sensors, Contact Sensors, as well as configurable inputs for Wiegand devices or extra sensors. The Controller uses RS-485 wiring to connect to the Smart Readers. The Single Door Controller can be wall-mounted or installed on a single or double gang box and may be powered using PoE, PoE+, or an external 12V to 24V supply.

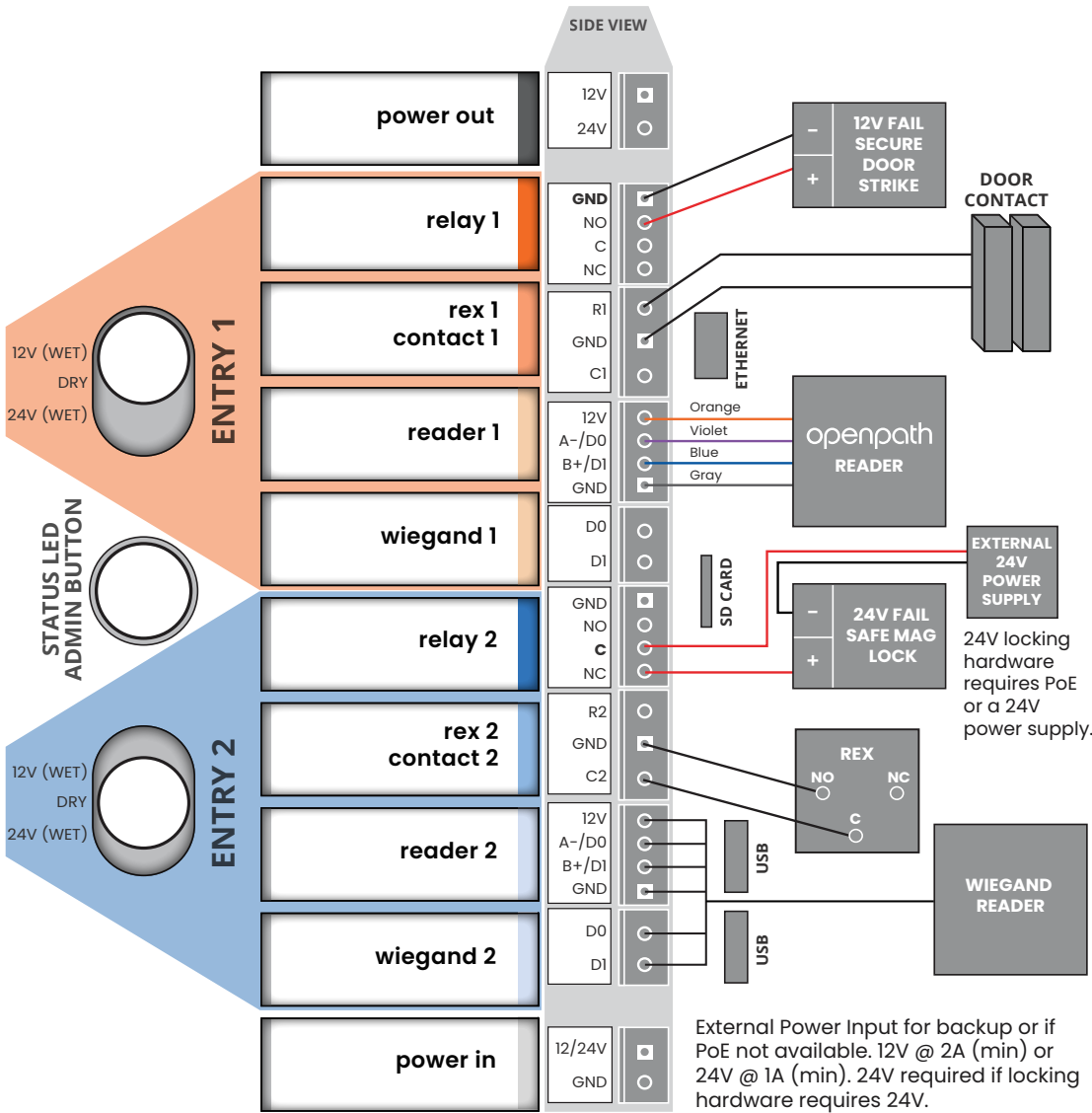
Features

- Internet connectivity to the Openpath access control cloud for system management and communication
- Stores all cloud configurations locally in order to remain fully functional in the event of an Internet outage
- Uses industry standard RS-485 signaling to communicate with Openpath readers over CAT 5/6 wiring
- Includes port interfaces for 2 Relays, 2 Openpath Readers, 2 Wiegand Readers, 2 REX Sensors, and 2 Contact Sensors
- Includes removable contact terminal blocks for convenient wiring
- Physical switches to select relays to be dry or wet (12V or 24V)
- EOL monitoring with single or double termination on all REX, Contact, and configurable inputs
- WiFi-enabled
- Can be configured using the Openpath Admin App
- Lifetime warranty



Specifications

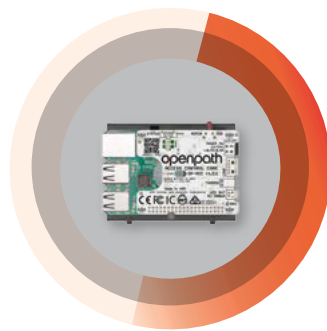
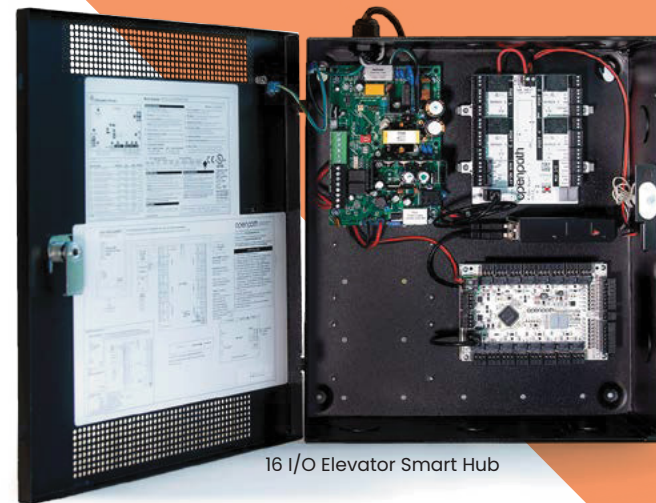
- Operating Voltage: 12-24VDC
- Output Ratings:
 - Power Out can supply up to 100mA @ 12V or 50mA @ 24V
 - 2 reader ports, max power output: 250mA @ 12V each
 - 2 relays, max power output:
 - PoE: Max 3W combined output (250mA @ 12V, 125mA @ 24V)
 - PoE+: Max 9W combined output (750mA @ 12V, 375mA @ 24V)
- Relays: 2 relays, 2A @ 24VDC (resistive)
- Openpath Readers: Up to 2 Openpath Readers
- Wiegand Readers: Up to 2 Wiegand Readers (if no Openpath Readers)
- REX Sensors: 2 REX Sensors, nominal 5VDC, 1kohm to each input (resistors built into Controller)
- Contact Sensors: 2 Contact Sensors, nominal 5VDC, 1kohm to each input (resistors built into Controller)
- Dimensions: 5.6 x 5.6 x 1.65 in (14.2 x 14.2 x 4.2 cm)
- Weight: 12.7 oz (360 g)
- Operating Temperature: 32° to 122°F (0° to 50°C)
- Operating Humidity: 5% to 85% relative, non-condensing
- Communication Ports: 10/100 baseT Ethernet, 2 USB ports
- Backup Battery: On external supply or PoE injector, use two 12VDC sealed lead acid (SLA) or gel cell batteries in series
- Compliance: FCC, IC, CE, RCM, UL 2043, UL 294



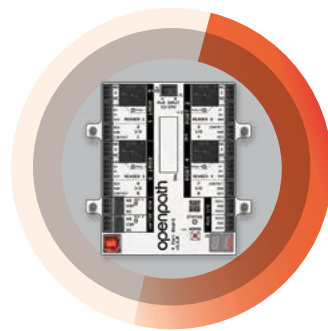
Introducing Openpath Core Series

Core Series is Openpath's newest installment of access control hardware. The series contains the new Openpath Access Control Core: a small, modular controller board that connects to expansion boards to securely make all access decisions. With configurable inputs and support for up to 16 doors on a single network uplink, the Core Series is flexible and scalable to fit your needs.

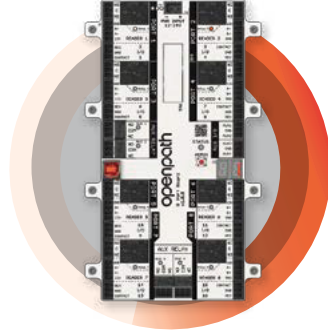
Core Series hardware is offered as Smart Hubs (complete with power supplies, Core hardware, and enclosure) or the boards can be sold individually. Openpath Core Series expansion boards are backwards compatible and can be installed in existing Openpath Smart Hubs and connected via USB.



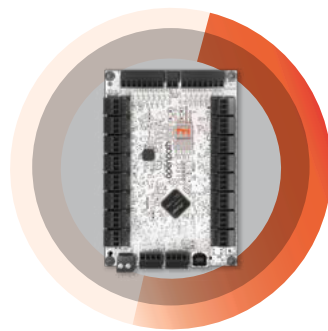
Core Board



4-Port Expansion Board



8-Port Expansion Board



16 I/O Elevator Board

Notable features:

- Modular design for easy expansion
- Supports up to 16 doors on one network uplink
- Extra inputs and relays for additional sensors, Wiegand readers, and locking hardware
- All inputs on the 4-Port and 8-Port Boards support end-of-line (EOL) supervision
- Dedicated tamper input built into the Access Control Core
- Easy configuration via Bluetooth in the Openpath Admin app
- Designed to withstand power failures and Internet outages (backup battery not included)

Plus you'll get all the benefits of Openpath's cloud-based access control platform:

- Touchless access and occupancy tracking capabilities
- Offline alert monitoring and troubleshooting within the admin portal
- Encrypted communication between controllers, readers, and credentials
- Backwards compatibility with legacy systems

Openpath Access Control Core

Controller Board

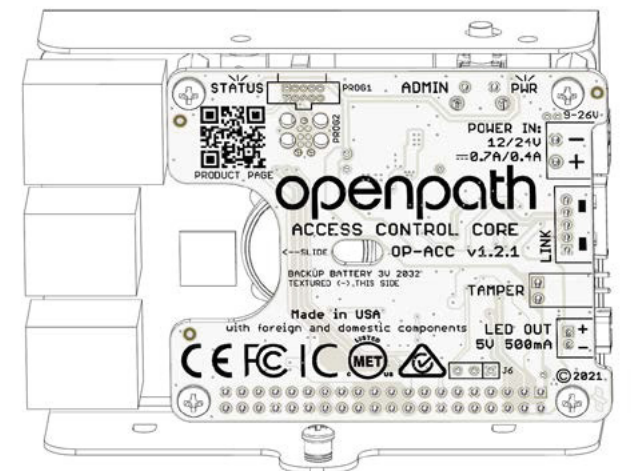
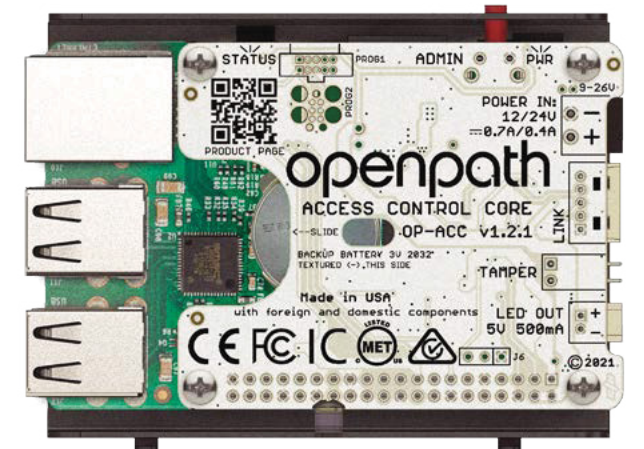
The Openpath Access Control Core works with Openpath expansion boards to securely make all entry decisions. It can support up to 2 expansion boards via USB and supports wireless configuration through the Openpath Admin App. The Access Control Core and its connected expansion boards should be installed inside an enclosure and may be powered using a 12V or 24V supply.

Features

- Internet connectivity to the Openpath access control cloud for system management and communication
- Plug and play design allows for easy expansion and customization
- Stores all cloud configurations locally in order to remain fully functional in the event of an Internet outage
- Supports up to 16 entries via 2 Openpath expansion boards
- Supports the following expansion boards:
 - 4-Port Expansion Board
 - 8-Port Expansion Board
 - 16-Port I/O Board
- Supports wireless configuration via the Openpath Admin App using Bluetooth
- Lifetime warranty

Specifications

- Operating Voltage: 12-24VDC
- Operating Current: 0.7A @ 12VDC, 0.4A @ 24VDC
- Dimensions: 2.3 x 3.5 in (5.84 x 8.89 cm)
- Weight: 2 oz (57 g)
- Operating Temperature: 0° to 50°C (32° to 122°F)
- Operating Humidity: 5% to 85% relative, non-condensing
- Communication Ports: 10/100 baseT Ethernet, 4 USB ports
- Backup Battery: CR2032 3V, replace every two years
- Compliance: FCC, CE, IC, UL 294, UKCA



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Openpath 4-Port Board

Expansion Board

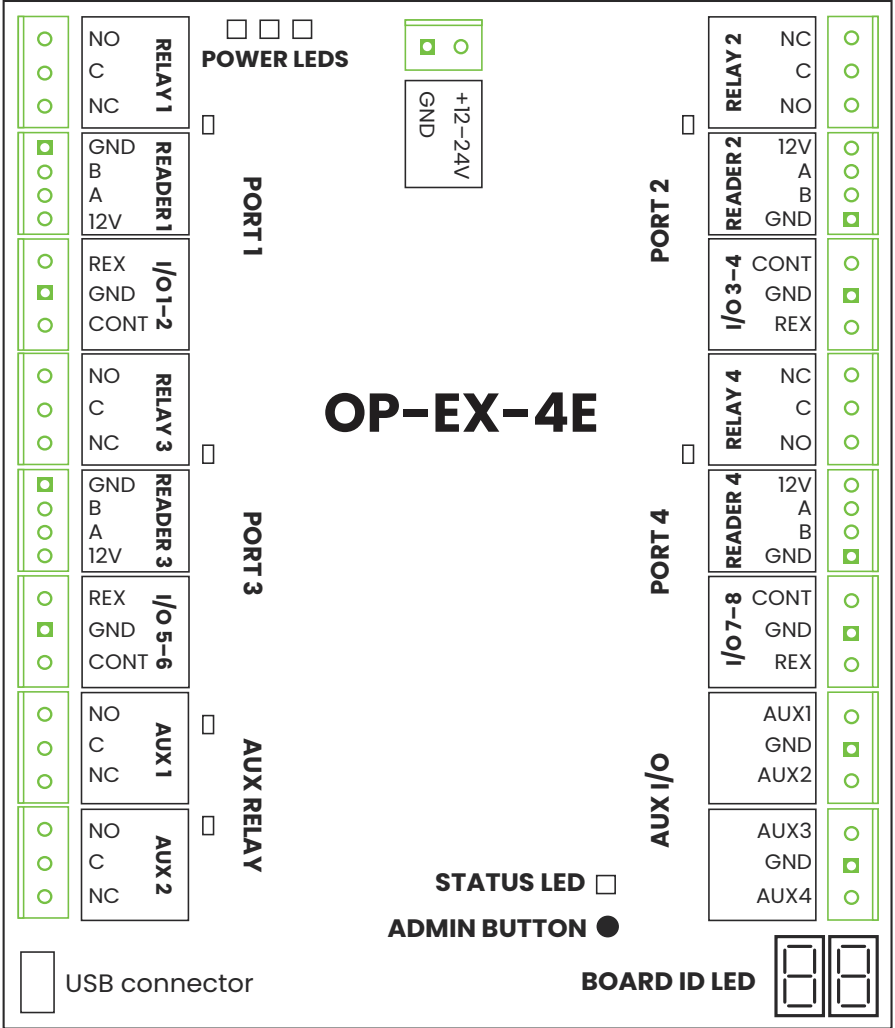
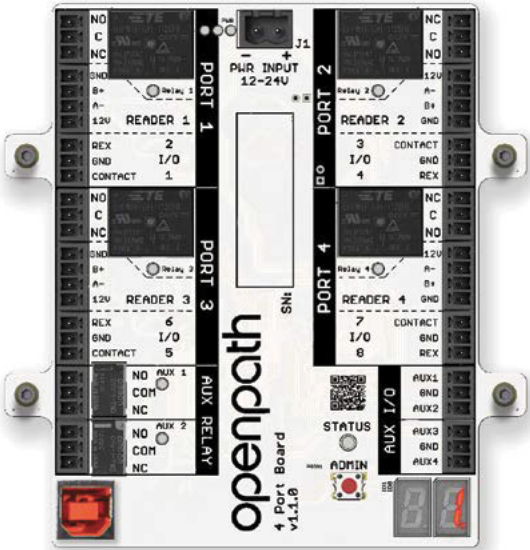
The Openpath 4-Port Expansion Board is an access control board (no enclosure, no power supply) that connects to the Access Control Core (OP-ACC) and supports up to four entries and four Openpath Smart Readers. The 4-Port Board works with the Access Control Core to securely make all entry decisions. It includes primary ports for Relays, Openpath Smart Readers, Request to Exit (REX) Sensors, and Contact Sensors. For additional flexibility, two auxiliary relays are provided for additional outputs or control of low power devices and four auxiliary inputs are provided for Wiegand devices or additional sensors. The 4-Port Board uses RS-485 wiring to connect to the Smart Readers and connects by USB to the Access Control Core. The 4-Port Board should be installed inside an enclosure and may be powered using a 12V or 24V supply.

Features

- Uses industry standard RS-485 signaling to communicate with Openpath readers over CAT 5/6 wiring
- Plug and play design allows for easy expansion and customization
- Includes port interfaces for 4 Relays, 4 Openpath Readers, 4 REX Sensors, and 4 Contact Sensors
- 2 signal relays and 4 configurable auxiliary input pins provide extra outputs and allow additional sensors or Wiegand devices
- EOL monitoring with single or double termination on all REX, Contact, and Auxiliary inputs supported with user-installed 1k resistors
- Includes removable contact terminal blocks for convenient wiring
- Supports wireless configuration via the Openpath Admin App using Bluetooth
- Lifetime warranty

Specifications

- Must be used with the Openpath Access Control Core (OP-ACC)
- Operating Voltage: 12-24VDC
- Operating Current: 0.5A @ 12VDC, 0.3A @ 24VDC
- Relays: 4 relays, 5A @ 24VDC (resistive)
- Auxiliary Relays: 2 relays, 1A @ 24VDC
- Openpath Readers: Up to 4 Openpath Readers
- REX and Contact Sensors: 4 REX and 4 contact sensor inputs: nominal 5VDC, 1kohm to each input
- Auxiliary Inputs: 4 input lines with EOL monitoring
- Dimensions: 4.5 x 4.9 in (11.5 x 12.5 cm)
- Weight: 4.3 oz (122 g)
- Operating Temperature: 32° to 122°F (0° to 50°C)
- Operating Humidity: 5% to 85% relative, non-condensing
- Interface Ports: USB port, Expansion port
- Backup Battery: Use one or two 12VDC sealed lead acid (SLA) or gel cell batteries based on power supply and system requirements
- Compliance: FCC, IC, CE, RCM, UL 294

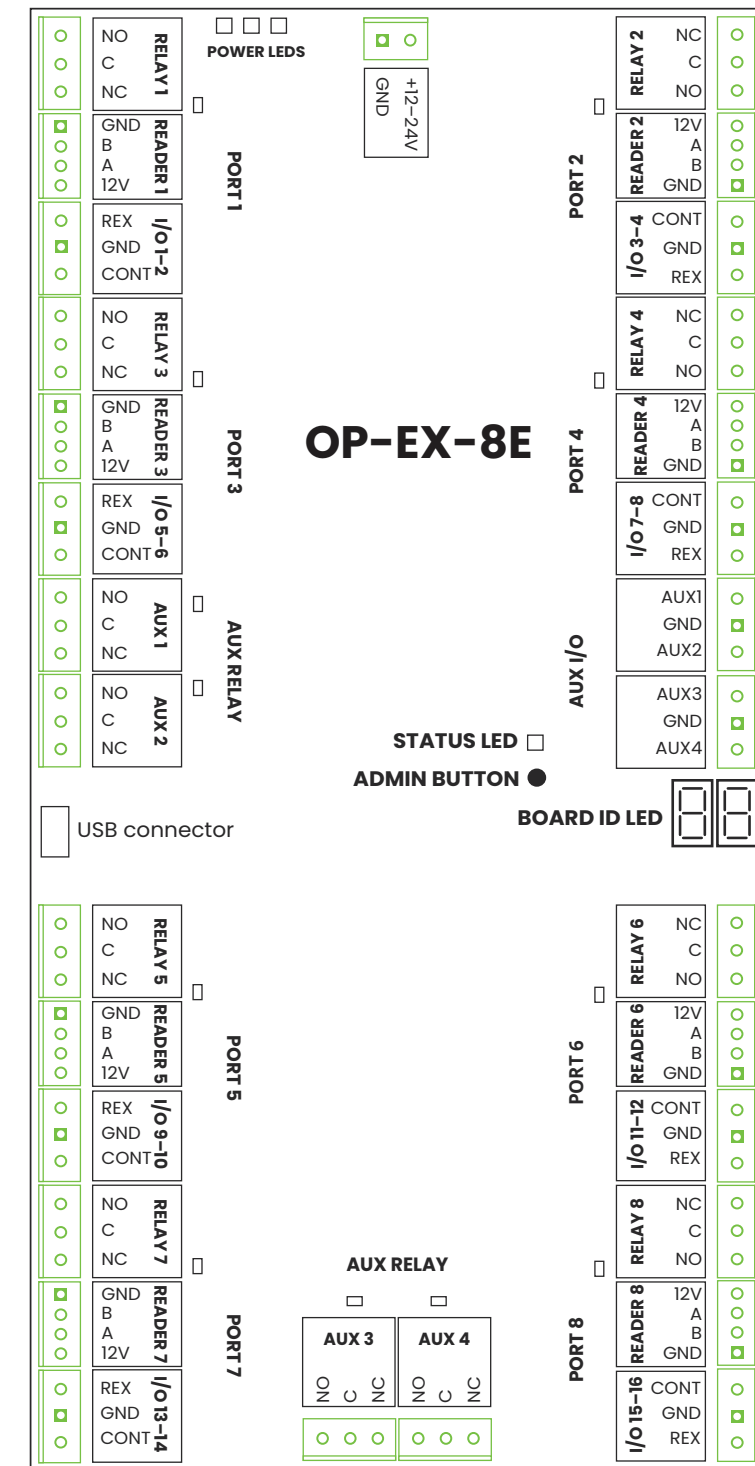


Expansion Board

The image shows an openpath 8-port network switch. The device is a vertical rectangular unit with a black faceplate. It features eight ports, each with a RJ45 jack and a corresponding status LED. The ports are labeled PORT 1 through PORT 8. The top of the unit has a power input section with a power jack and a power switch. The bottom of the unit has a power output section with a power jack and a power switch. The unit is mounted on a metal rack with visible screws. The text "openpath" is printed vertically on the right side of the unit, and "8 Port Switch" is printed below it.

- Uses industry standard RS-485 signaling to communicate with Openpath readers over CAT 5/6 wiring
- Plug and play design allows for easy expansion and customization
- Includes port interfaces for 8 Relays, 8 Openpath Readers, 8 REX Sensors, and 8 Contact Sensors
- 4 auxiliary relays and 4 configurable auxiliary input pins provide extra outputs and allow additional sensors or Wiegand devices
- EOL monitoring with single or double termination on all REX, Contact, and Auxiliary inputs supported with user-installed 1k resistors
- Includes removable contact terminal blocks for convenient wiring
- Supports wireless configuration via the Openpath Admin App using Bluetooth
- Lifetime warranty

- Must be used with the Openpath Access Control Core (OP-ACC)
- Operating Voltage: 12-24VDC
- Operating Current: 0.6A @ 12VDC, 0.3A @ 24VDC
- Door Relays: 8 relays, 5A @ 24VDC (resistive)
- Auxiliary Relays: 4 relays, 1A @ 24VDC
- Openpath Readers: Up to 8 Openpath Readers
- REX and Contact Sensors: 8 REX and 8 contact sensor inputs with EOL monitoring, nominal 5VDC, 1kohm to each input
- Auxiliary Inputs: 4 input lines with EOL monitoring
- Dimensions: 4.5 x 8.75 in (11.5 x 22.5 cm)
- Weight: 8 oz (227 g)
- Operating Temperature: 32° to 122°F (0° to 50°C)
- Operating Humidity: 5% to 85% relative, non-condensing
- Interface Ports: USB port, Expansion port
- Backup Battery: Use one or two 12VDC sealed lead acid (SLA) or gel cell batteries based on power supply and system requirements
- Compliance: FCC, IC, CE, RCM, UL 294

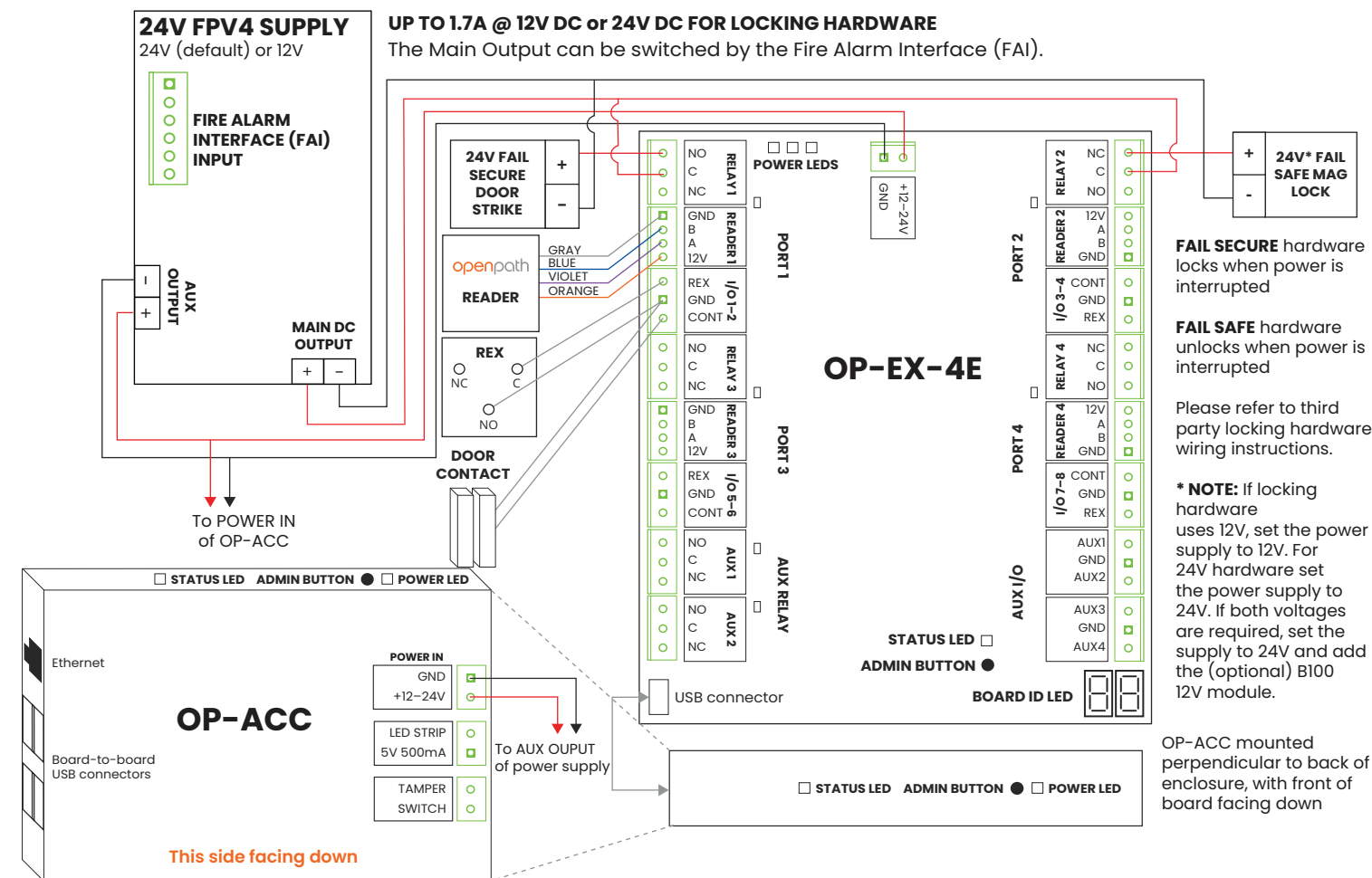


4-Door Controller

Features

- ## Specifications

- Operating Voltage: 12-24VDC
- Operating Current:
 - 1.25A @ 24VDC (with 4 Openpath Readers)
 - 0.7A @ 24VDC (with no readers)
- Door Relays: 4 relays, 5A @ 24VDC (resistive)
- Auxiliary Relays: 2 relays, 1A @ 24VDC
- Openpath Readers: Up to 4 Openpath Readers
- REX and Contact Sensors: 4 REX and 4 contact sensor inputs with EOL monitoring, nominal 5VDC, 1kohm to each input
- Auxiliary Inputs: 4 input lines with EOL monitoring
- Enclosure Size: 14" H, 12" W, 4.5" D (356 x 305 x 114 mm)
- Weight: Approx 10 lbs (4.5 kg)
- Operating Temperature: 32° to 122°F (0° to 50°C)
- Operating Humidity: 5% to 85% relative, non-condensing
- Communication Ports: 10/100 baseT Ethernet, USB port
- Backup Battery: Use two 12VDC sealed lead acid (SLA) or gel cell batteries in series
- Compliance: FCC, IC, CE, RCM, UL 294



Openpath Access

Openpath's patented SurePath Mobile technology ensures reliability and quick entry via Bluetooth, Wi-Fi and LTE. With encryption at every level and powerful, user-level permissions, Openpath Access is both more secure and more dynamic than traditional access control systems. Openpath Access' streamlined, customizable features make office management easier than ever.



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visit openpath.com to learn more

12/24V 4-Door Core Series Smart Hub

4-Door Controller

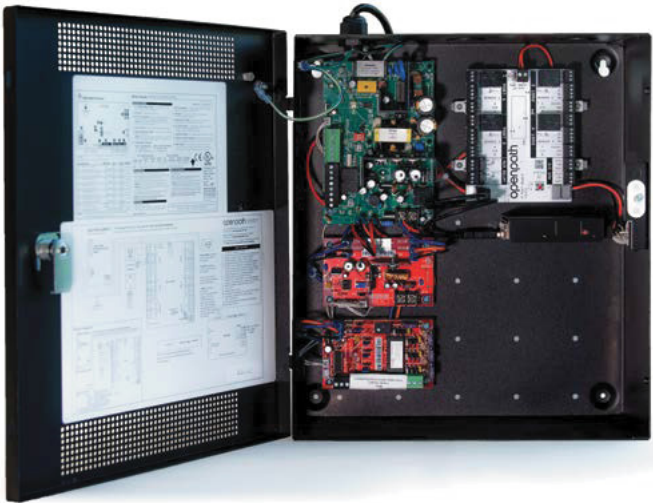
The Openpath Core Series Smart Hub is a modular access control unit that supports up to four Openpath Smart Readers. The Core Series Smart Hub features the Access Control Core (OP-ACC), that securely makes all entry decisions. The Core connects to expansion boards that include ports for Openpath Smart Readers, Request to Exit (REX) inputs, and Contact Sensors. The Core Series Smart Hub uses RS-485 wiring to connect to the Smart Readers and is powered by a built-in 12/24VDC power supply.

Features

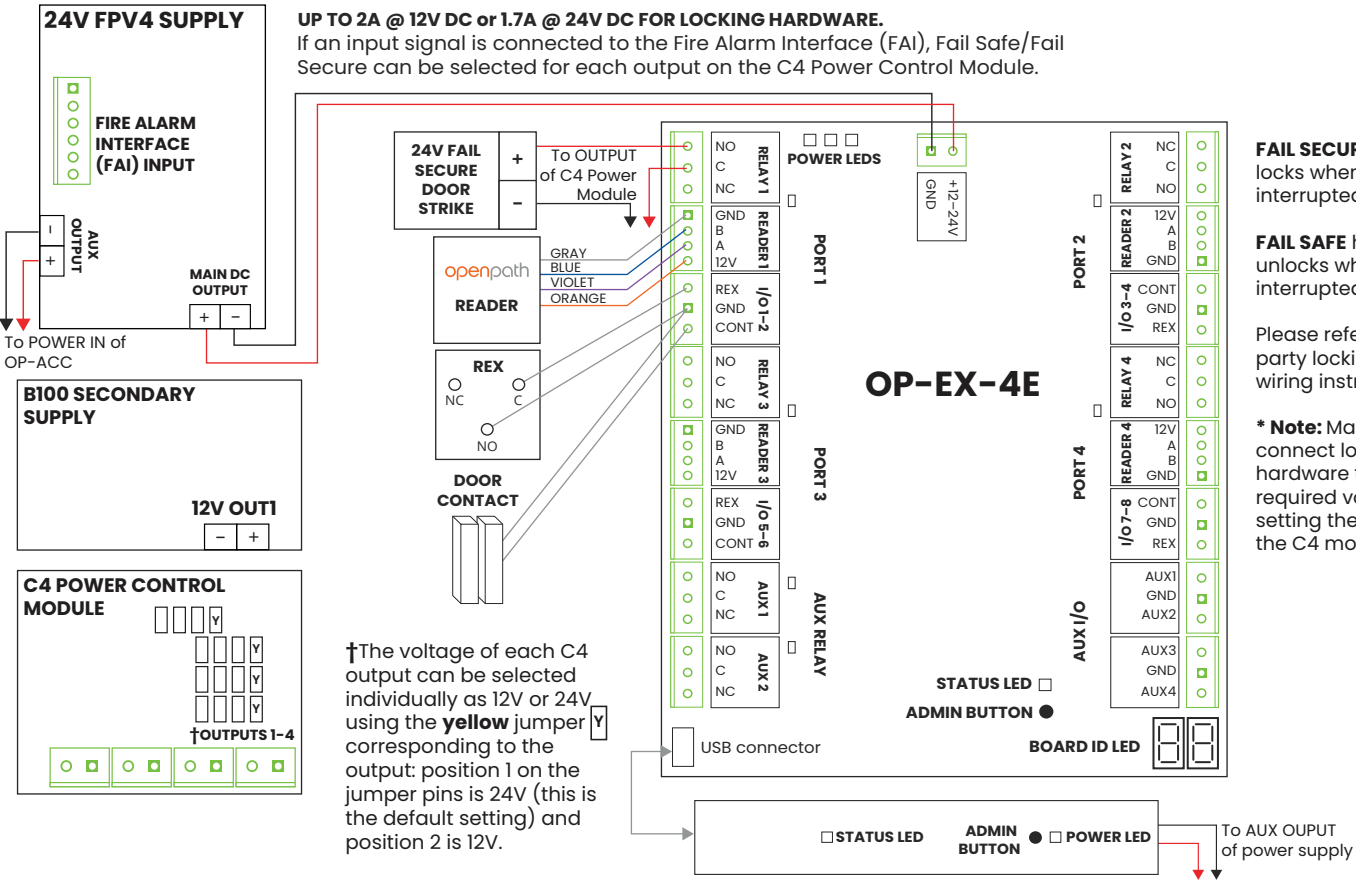
- Internet connectivity to the Openpath access control cloud for system management and communication
- Stores all cloud configurations locally in order to remain fully functional in the event of an Internet outage
- Uses industry standard RS-485 signaling to communicate with Openpath readers over CAT 5/6 wiring
- Plug and play design allows for easy expansion and customization
- Includes port interfaces for 4 Relays, 4 Openpath Readers, 4 REX Sensors, and 4 Contact Sensors
- 2 auxiliary relays and 4 configurable auxiliary input pins provide extra outputs and allow additional sensors or Wiegand devices
- EOL monitoring with single or double termination on all REX, Contact, and Auxiliary inputs supported with user-installed 1k resistors
- Ships with LifeSafety Power enclosure for security and easy wall mounting
- Supports wireless configuration via the Openpath Admin App using Bluetooth
- Lifetime warranty

Specifications

- Operating Voltage: 12-24VDC
- Operating Current:
 - 1.25A @ 24VDC (with 4 Openpath Readers)
 - 0.7A @ 24VDC (with no readers)
- Door Relays: 4 relays, 5A @ 24VDC (resistive)
- Auxiliary Relays: 2 relays, 1A @ 24VDC
- Openpath Readers: Up to 4 Openpath Readers
- REX and Contact Sensors: 4 REX and 4 contact sensor inputs with EOL monitoring, nominal 5VDC, 1kohm to each input
- Auxiliary Inputs: 4 input lines with EOL monitoring
- Enclosure Size: 14" H, 12" W, 4.5" D (356 x 305 x 114 mm)
- Weight: Approx 10 lbs (4.5 kg)
- Operating Temperature: 32° to 122°F (0° to 50°C)
- Operating Humidity: 5% to 85% relative, non-condensing
- Communication Ports: 10/100 baseT Ethernet, USB port
- Backup Battery: Use two 12VDC sealed lead acid (SLA) or gel cell batteries in series
- Compliance: FCC, IC, CE, RCM, UL 294



Please note: Smart Hubs are shipped unassembled



FAIL SECURE hardware locks when power is interrupted

FAIL SAFE hardware unlocks when power is interrupted

Please refer to third party locking hardware wiring instructions.

*** Note:** Make sure to connect locking hardware to the required voltage by setting the jumpers on the C4 module.

Openpath Access

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Openpath's patented SurePath Mobile technology ensures reliability and quick entry via Bluetooth, Wi-Fi and LTE. With encryption at every level and powerful, user-level permissions, Openpath Access is both more secure and more dynamic than traditional access control systems. Openpath Access' streamlined, customizable features make office management easier than ever.



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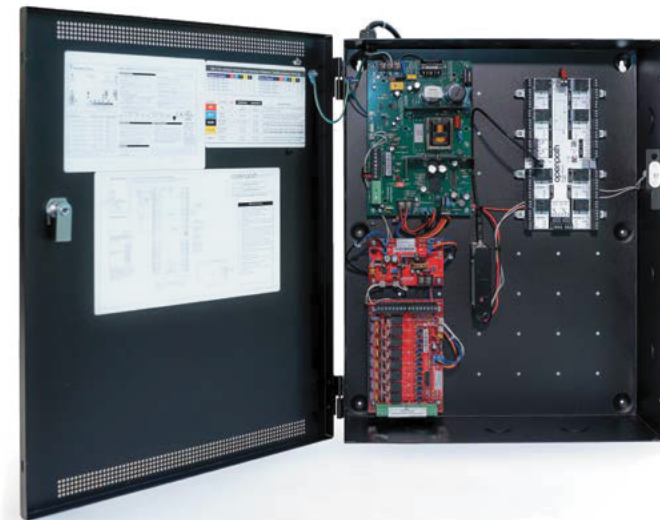
The Openpath Core Series Smart Hub is a modular access control unit that supports up to eight Openpath Smart Readers. The Core Series Smart Hub features the Access Control Core (OP-ACC), that securely makes all entry decisions. The Core connects to expansion boards that include ports for Openpath Smart Readers, Request to Exit (REX) inputs, and Contact Sensors. The Core Series Smart Hub uses RS-485 wiring to connect to the Smart Readers and is powered by a built-in 12/24VDC power supply.

Features

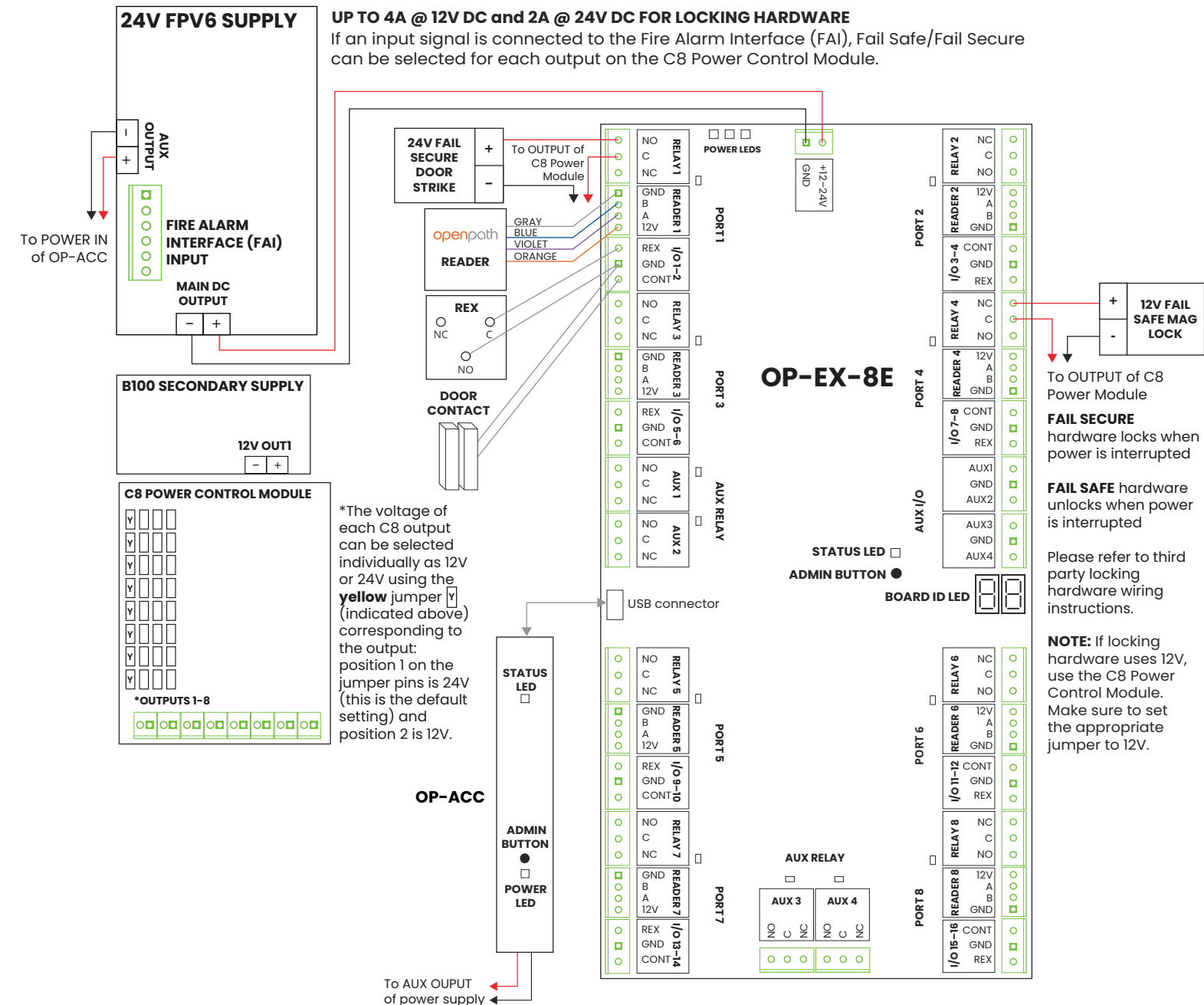
- Internet connectivity to the Openpath access control cloud for system management and communication
- Stores all cloud configurations locally in order to remain fully functional in the event of an Internet outage
- Uses industry standard RS-485 signaling to communicate with Openpath readers over CAT 5/6 wiring
- Plug and play design allows for easy expansion and customization
- Includes port interfaces for 8 Relays, 8 Openpath Readers, 8 REX Sensors, and 8 Contact Sensors
- 4 auxiliary relays and 4 configurable auxiliary input pins provide extra outputs and allow additional sensors or Wiegand devices
- EOL monitoring with single or double termination on all REX, Contact, and Auxiliary inputs supported with user-installed 1k resistors
- Ships with LifeSafety Power enclosure for security and easy wall mounting
- Supports wireless configuration via the Openpath Admin App using Bluetooth
- Lifetime warranty

Specifications

- Operating Voltage: 12-24VDC
- Operating Current:
 - 3.3A @ 12VDC (with 8 Openpath Readers)
 - 1.3A @ 12VDC (with no readers)
 - 1.8A @ 24VDC (with 8 Openpath Readers)
 - 0.7 @ 24VDC (with no readers)
- Door Relays: 8 relays, 5A @ 24VDC (resistive)
- Auxiliary Relays: 4 relays, 1A @ 24VDC
- Openpath Readers: Up to 8 Openpath Readers
- REX and Contact Sensors: 8 REX and 8 contact sensor inputs with EOL monitoring, nominal 5VDC, 1kohm to each input
- Auxiliary Inputs: 4 input lines with EOL monitoring
- Enclosure Size: 20 x 16 x 4.5" (508 x 406 x 114 mm)
- Weight: Approx 20 lbs (9 kg)
- Operating Temperature: 32° to 122°F (0° to 50°C)
- Operating Humidity: 5% to 85% relative, non-condensing
- Communication Ports: 10/100 baseT Ethernet, USB port
- Backup Battery: Use two 12VDC sealed lead acid (SLA) or gel cell batteries in series
- Compliance: FCC, IC, CE, RCM, UL 294



Please note: Smart Hubs are shipped unassembled



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Openpath's patented SurePath Mobile technology ensures reliability and quick entry via Bluetooth, Wi-Fi and LTE. With encryption at every level and powerful, user-level permissions, Openpath Access is both more secure and more dynamic than traditional access control systems. Openpath Access' streamlined, customizable features make office management easier than ever.



16 I/O Elevator Core Series Smart Hub

6-Door Controller

The Openpath Core Series Smart Hub is a modular access control unit that supports up to six Openpath Smart Readers and up to 16 elevator floors. The Core Series Smart Hub features the Access Control Core (OP-ACC), that securely makes all entry decisions. The Core connects to expansion boards that include ports for Openpath Smart Readers, Request to Exit (REX) inputs, and Contact Sensors. The Core Series Smart Hub uses RS-485 wiring to connect to the Smart Readers and is powered by a built-in 24VDC power supply.

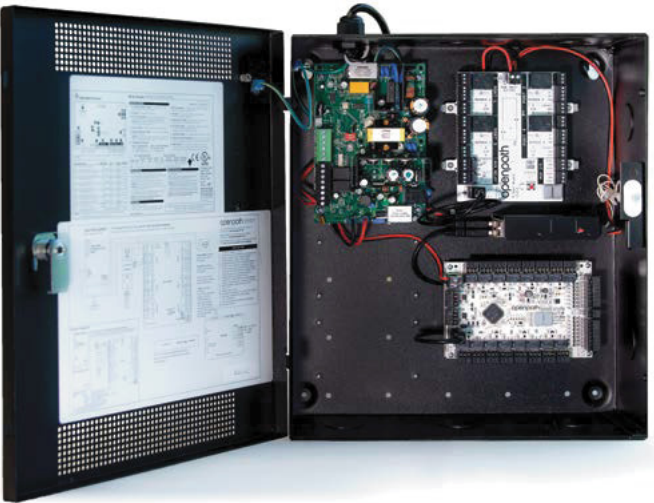
Features

- Internet connectivity to the Openpath access control cloud for system management and communication
- Stores all cloud configurations locally in order to remain fully functional in the event of an Internet outage
- Uses industry standard RS-485 signaling to communicate with Openpath readers over CAT 5/6 wiring
- Plug and play design allows for easy expansion and customization
- Includes port interfaces for 4 Relays, 6 Openpath Readers, 4 REX Sensors, and 4 Contact Sensors
- 2 auxiliary relays and 4 configurable auxiliary input pins provide extra outputs and allow additional sensors or Wiegand devices
- EOL monitoring with single or double termination on all REX, Contact, and Auxiliary inputs supported with user-installed 1k resistors
- Openpath 16 I/O Elevator Board provides additional 16 signal relays and 16 general purpose inputs for elevators or other use cases
- Ships with LifeSafety Power enclosure for security and easy wall mounting
- Supports wireless configuration via the Openpath Admin App using Bluetooth
- Lifetime warranty

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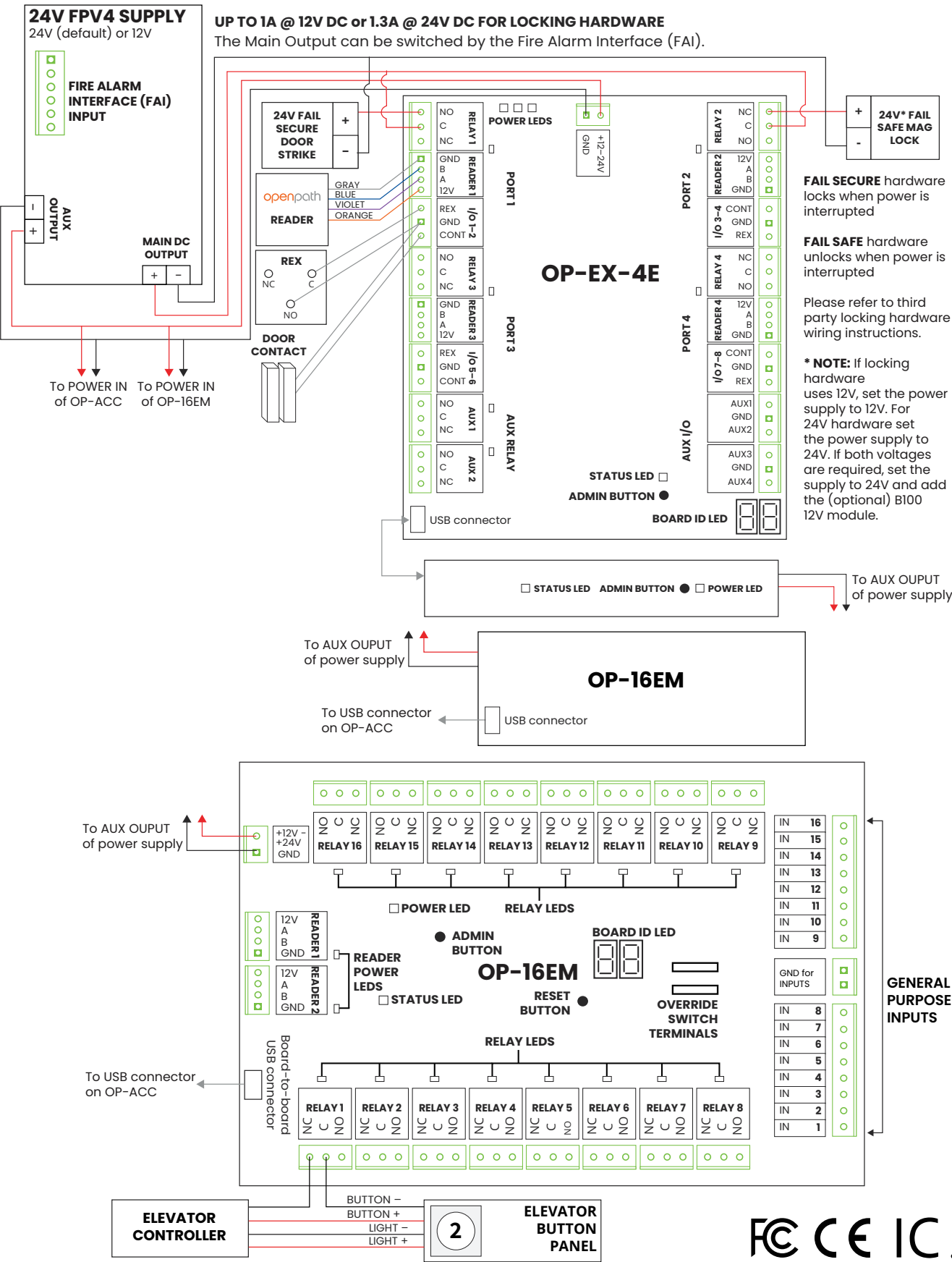
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Please note: Smart Hubs are shipped unassembled

Specifications

- Operating Voltage: 12-24VDC
- Operating Current:
 - 1.75A @ 24VDC (with 6 Openpath Readers)
 - 0.9A @ 24VDC (with no readers)
- Door Relays: 4 relays, 5A @ 24VDC (resistive)
- Auxiliary Relays: 18 relays, 1A @ 24VDC
- Openpath Readers: Up to 6 Openpath Readers
- REX and Contact Sensors: 4 REX and 4 contact sensor inputs with EOL monitoring, nominal 5VDC, 1kohm to each input
- Auxiliary Inputs: 4 input lines with EOL monitoring
- General Purpose Inputs: 16, 3V-24VDC
- Enclosure Size: 14" H, 12" W, 4.5" D (356 x 305 x 114 mm)
- Weight: Approx 10 lbs (4.5 kg)
- Operating Temperature: 32° to 122°F (0° to 50°C)
- Operating Humidity: 5% to 85% relative, non-condensing
- Communication Ports: 10/100 baseT Ethernet, USB port
- Backup Battery: Use two 12VDC sealed lead acid (SLA) or gel cell batteries in series
- Compliance: FCC, IC, CE, RCM, UL 294



Openpath 16 I/O Elevator Board

16 Relay Module

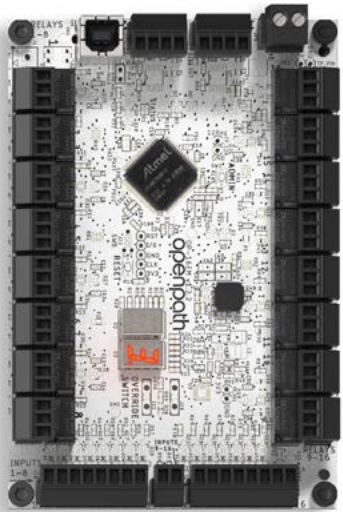
The Openpath 16 I/O Elevator Board extends access control capabilities to standard elevators, enabling building owners and tenants alike to secure and control access to specific floors. The Elevator Board is an optional expansion board for the Openpath Smart Hub that supports up to 16 floors and two Openpath Smart Readers. One Smart Hub can support up to three Elevator Boards, which are easily identified via seven-segment displays. Now, elevators can enjoy the same frictionless access with the use of Openpath Smart Readers and mobile credentials.

Also offered in the following Smart Hubs:

- Core Series Smart Hub with 24VDC Power Supply and Elevator Expansion Board
20ENT-SYS-24V
- Controller with 12/24VDC Power Supply and Elevator Expansion Board
OP-20ESH-24V

Features

- Connects to the Openpath Smart Hub via USB—a Smart Hub can support up to three Elevator Boards.
- Uses industry standard RS-485 signaling to communicate with Openpath Readers over traditional Wiegand wiring
- Includes port interfaces for 2 Openpath Readers, 16 relays, and 16 general purpose inputs
- Supports up to 16 floors total that can be split into multiple elevators (e.g. two elevators with 8 floors each)
- Seven-segment display for easy identification
- Small size fits easily as an add-on to an existing Smart Hub
- Ships with backplate for mounting in Smart Hub enclosure
- Lifetime Warranty



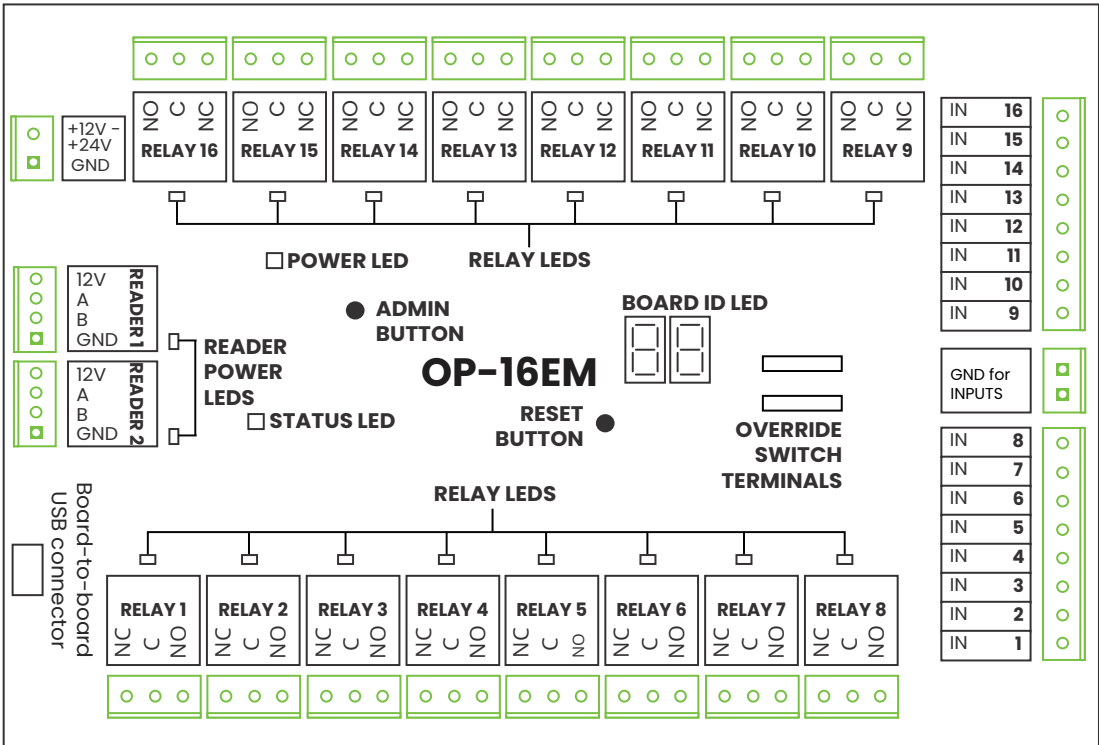
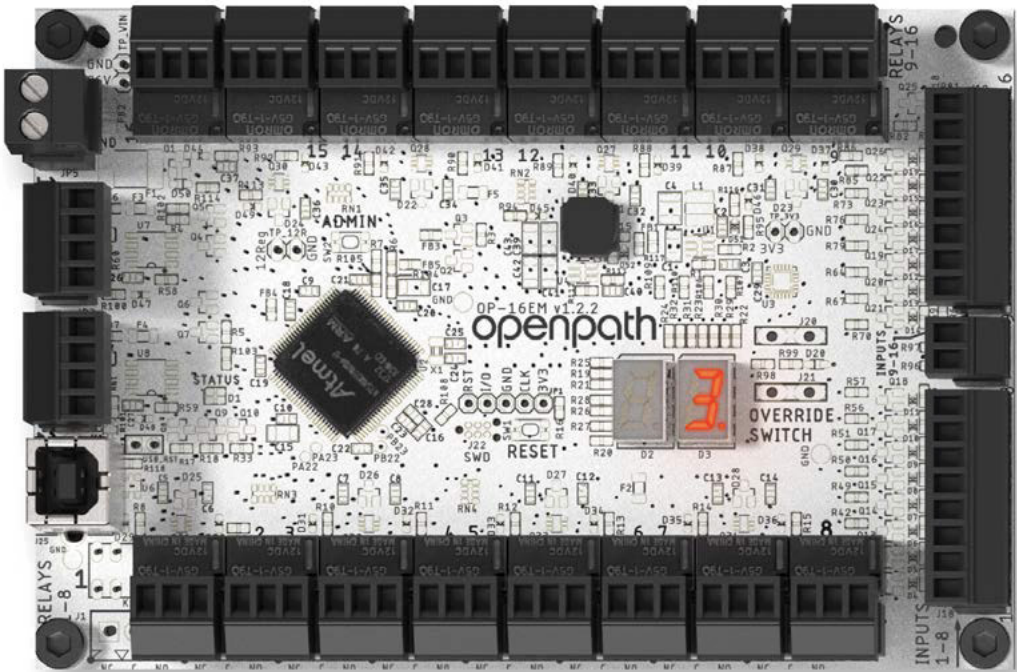
Specifications

- Operating Voltage: 12-24VDC
- Operating Current:
 - 12V: 825mA Max (with 2 Openpath Readers)
 - 12V: 325mA Max (with no readers)
 - 24V: 470mA Max (with 2 Openpath Readers)
 - 24V: 190mA Max (with no readers)
- Relays: 16 relays, 60VDC Max
24VDC, 1A (resistive)
125VAC, 0.5A (resistive)
- Openpath Readers: Up to 2 Openpath Readers
- General Purpose Inputs: 16, 3V-24VDC
- Size: Approx 5.25 x 3.5 in (13.34 x 9.04 cm)
- Operating Temperature: 32° to 122°F (0° to 50°C)
- Operating Humidity: 5% to 85% relative, non-condensing
- Communication Ports: USB port
- Compliance: FCC, UL 294, CE

Openpath Access

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Openpath PoE+ Injector

Gigabit PoE/PoE+ Adapter

The PoE+ Injector supports high-speed data and up to 30 watts of power to compliant devices like the Single Door Controller, and can power up to 100 meters (328 feet) away over a single cable.

Features

- Simplifies wiring for the Single Door Controller by supplying power and data over one Ethernet cable
- 802.3at compliant
- Gigabit compatible
- Includes disconnect, short-circuit, and surge protection
- Lifetime warranty

Specifications

- Operating Voltage: 100-240VAC, 47-63Hz
- Operating Current: 0.8A @ 100VAC
- Dimensions: 2 x 6 x 4.81 in (5.08 x 15.24 x 12.21 cm)
- Weight: 5.3 oz (150 g)
- Operating Temperature: 32° to 104°F (0° to 40°C)
- Operating Humidity: 5% to 90% relative, non-condensing
- Communication Ports: 10/100/1000 baseT Ethernet, PoE port
- Compliance: FCC, CE



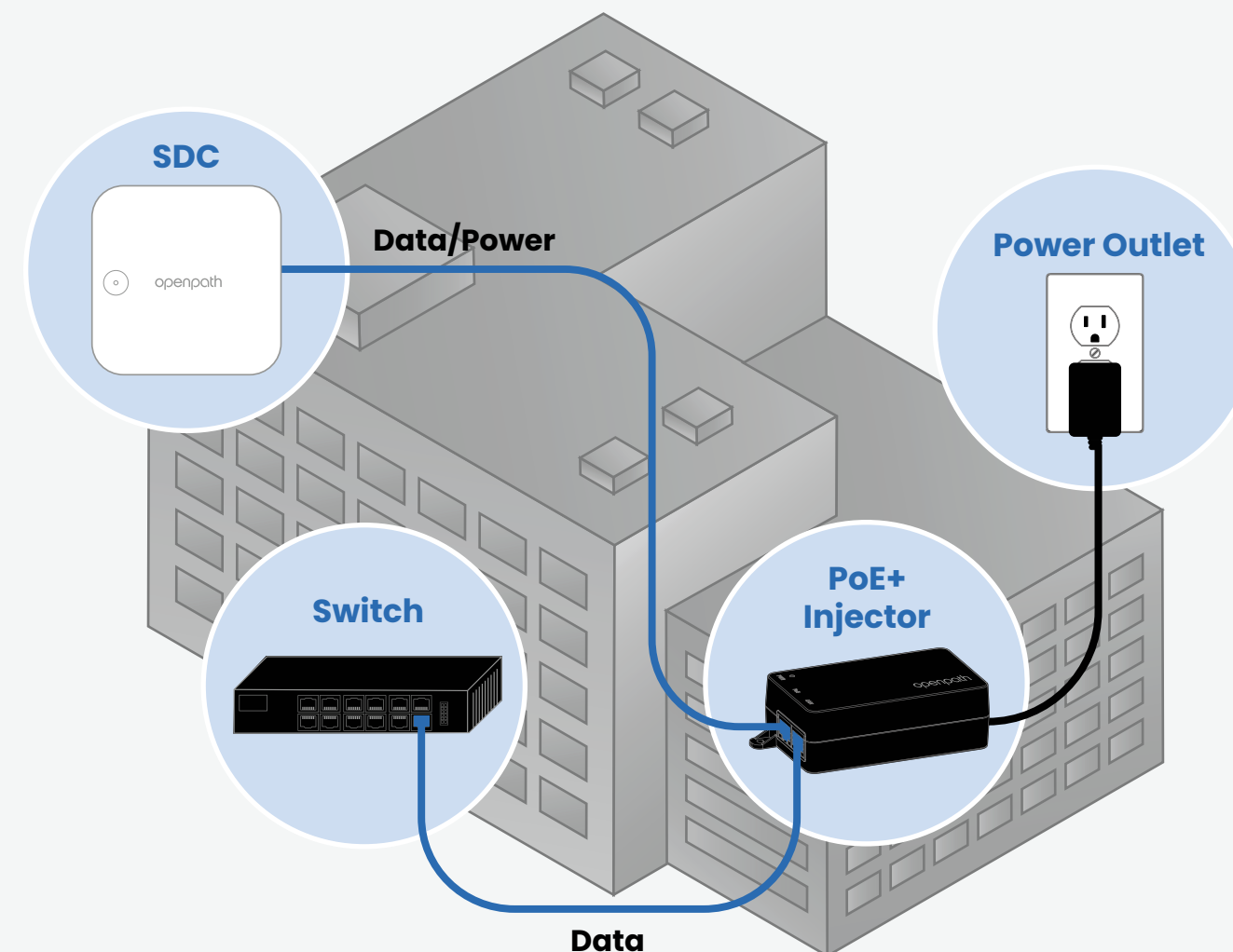
Openpath Access

Openpath creates smart security solutions for the modern office. The company's flagship product, Openpath Access, combines sleek hardware with an app, enabling employees to enter the office using their smartphone. Unlike legacy systems, Openpath's software is cloud-based, meaning Access easily scales with your business and seamlessly integrates with platforms like G Suite and Azure AD.

Openpath's patented SurePath Mobile technology ensures reliability and quick entry via Bluetooth, Wi-Fi and LTE. With encryption at every level and powerful, user-level permissions, Openpath Access is both more secure and more dynamic than traditional access control systems. Openpath Access' streamlined, customizable features make office management easier than ever.



PoE+ Injector Wiring



DUBLIN | LISBURN | SURREY | BIRMINGHAM | GERMANY



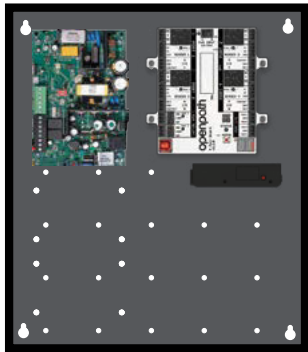
24V Power Supply and Standard Enclosure

The LifeSafety Power EI enclosure and FPV4 power supply provide power for your custom Openpath Smart Hub configurations. The EI enclosure comes with a custom mounting hole pattern and can fit one Access Control Core and up to two Openpath expansion boards. The power supply can be used to output 12V or 24V to Openpath boards and locks.

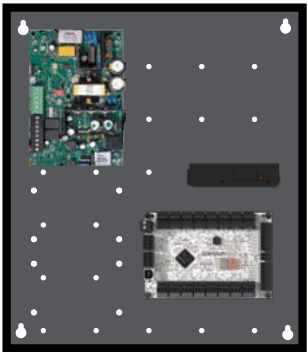
Supported configurations

- **4 Smart Readers:** One Access Control Core and one 4-Port Board
- **2 Smart Readers and 16 Elevator Floors:** One Access Control Core and one 16 I/O Elevator Board
- **8 Smart Readers:** One Access Control Core and two 4-Port Boards
- **6 Smart Readers and 16 Elevator Floors:** One Access Control Core, one 4-Port Board, and one 16 I/O Elevator Board

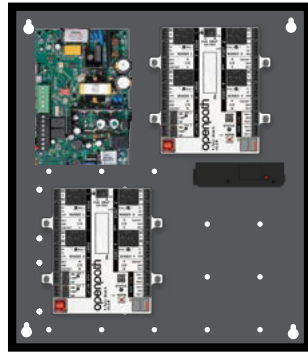
Note: Openpath Access Control Core and expansion boards sold separately. Please take note of power requirements for locking hardware; external power supply may be necessary.



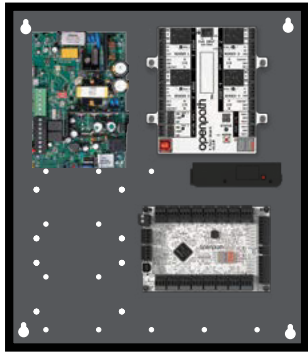
4 Smart Readers



2 Smart Readers and 16 Elevator Floors



8 Smart Readers



6 Smart Readers and 16 Elevator Floors

Specifications

- Input: 120/208/230VAC, 50/60Hz
1.80 Amp max
- Outputs: 4A @ 12VDC or 3A @ 24VDC
Main output continuous or switched on FAI Input
Auxiliary output 1.5 Amp class 2 power limited
- Enclosure Size: 14" H, 12" W, 4.5" D (356 x 305 x 114 mm)
- Weight: Approx 10 lbs (4.5 kg)
- Operating Temperature: -4° to 122°F (-20° to 50°C)
- Operating Humidity: 5% to 85% relative, non-condensing
- Backup Battery: For 24V, use two 12VDC sealed lead acid (SLA) or gel cell batteries in series
- Supervision: AC fail, Battery fail, System fault (form "C")
Low power shutdown when battery voltage too low
- Fire Alarm Disconnect Activation: DC voltage: 0 to 33VDC, 3 to 15mA
Dry contact NO/NC
Optional Fire Alarm latching
- Visual Indicators: AC On, DC Output, Fire Alarm activation
- Compliance: FCC, IC, CE, RCM, UL 294
- Lifetime warranty



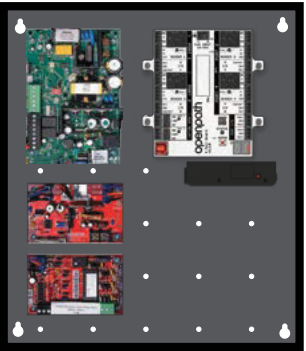
12/24V Power Supply and Standard Enclosure

The LifeSafety Power EI enclosure, FPV4 power supply, B100 secondary supply, and C4 output module provide flexible power for your custom Openpath Smart Hub configurations. The EI enclosure comes with a custom mounting hole pattern and can fit one Access Control Core and up to two Openpath expansion boards. The FPV4 power supply can be used to output 24V to Openpath boards, while the B100 secondary supply makes 12V available as well. Use the C4 module to output 12V or 24V to locks.

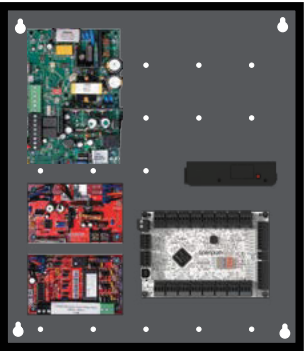
Supported configurations

- **4 Smart Readers:** One Access Control Core and one 4-Port Board
- **2 Smart Readers and 16 Elevator Floors:** One Access Control Core and one 16 I/O Elevator Board
- **6 Smart Readers and 16 Elevator Floors:** One Access Control Core, one 4-Port Board, and one 16 I/O Elevator Board
- **4 Smart Readers and 32 Elevator Floors:** One Access Control Core and two 16 I/O Elevator Boards

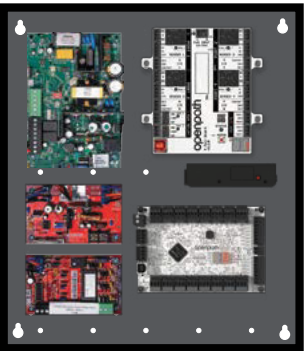
Note: Openpath Access Control Core and expansion boards sold separately. Please take note of power requirements for locking hardware; external power supply may be necessary.



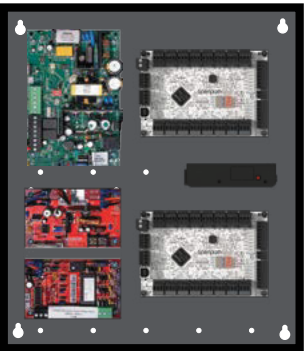
4 Smart Readers



2 Smart Readers and 16 Elevator Floors



6 Smart Readers and 16 Elevator Floors



4 Smart Readers and 32 Elevator Floors

Specifications

- Input: 120/208/230VAC, 50/60Hz
1.80 Amp max
- FPV4 Outputs: 3A @ 24VDC
Main output continuous or switched on FAI Input
Auxiliary output 1.5 Amp class 2 power limited
- B100 Output: 4 Amps @ 12VDC
- C4 Outputs: Selectable 12v or 24v per output
Fused at 3A per output
FAI per output
- Enclosure Size: 14" H, 12" W, 4.5" D (356 x 305 x 114 mm)
- Weight: Approx 10 lbs (4.5 kg)
- Operating Temperature: -4° to 122°F (-20° to 50°C)
- Operating Humidity: 5% to 85% relative, non-condensing
- Backup Battery: For 24V, use two 12VDC sealed lead acid (SLA) or gel cell batteries in series
- Supervision: AC fail, Battery fail, System fault (form "C")
Low power shutdown when battery voltage too low
- Fire Alarm Disconnect Activation: DC voltage: 0 to 33VDC, 3 to 15mA
Dry contact NO/NC
Optional Fire Alarm latching
- Visual Indicators: AC On, DC Output, Fire Alarm activation
- Compliance: FCC, IC, CE, RCM, UL 294
- Lifetime warranty





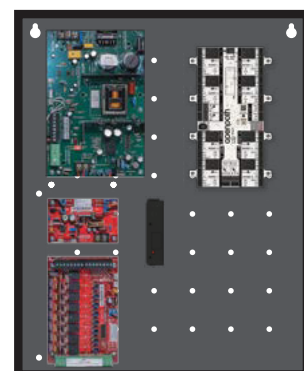
12/24V Power Supply and Large Enclosure

The LifeSafety Power E2 enclosure, FPV6 power supply, B100 secondary supply, and C8 output module provide flexible power for your custom Openpath Smart Hub configurations. The E2 enclosure comes with a custom mounting hole pattern and can fit one Access Control Core and up to three Openpath expansion boards. The FPV6 power supply can be used to output 24V to Openpath boards, while the B100 secondary supply makes 12V available as well. Use the C8 module to output 12V or 24V to power locks.

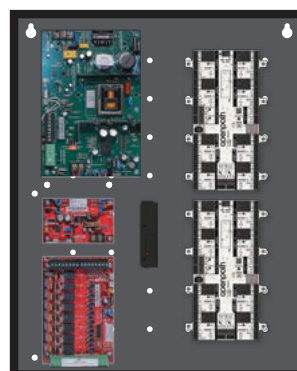
Supported configurations

- **8 Smart Readers:** One Access Control Core and one 8-Port Board
- **16 Smart Readers:** One Access Control Core and two 8-Port Boards
- **10 Smart Readers and 16 Elevator Floors:** One Access Control Core, one 8-Port Board, and one 16 I/O Elevator Board
- **6 Smart Readers and 48 Elevator Floors:** One Access Control Core and three 16 I/O Elevator Boards

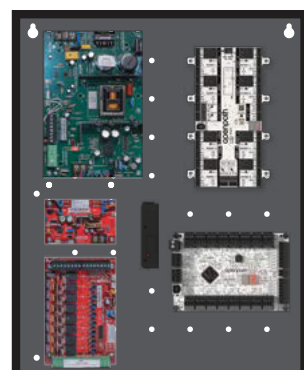
Note: Openpath Access Control Core and expansion boards sold separately. Please take note of power requirements for locking hardware; external power supply may be necessary.



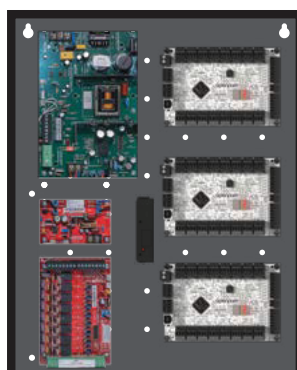
8 Smart Readers



16 Smart Readers



10 Smart Readers and 16 Elevator Floors



6 Smart Readers and 48 Elevator Floors

Specifications

- Input: 120/208/230VAC, 50/60Hz
3.7 Amp max
- FPV6 Outputs: 6A @ 24VDC
Main output continuous or switched on FAI Input
Auxiliary output 1.5 Amp class 2 power limited
- B100 Output: 4 Amps @ 12VDC
- C8 Outputs: Selectable 12V or 24V per output
Fused at 3A per output
FAI per output
- Enclosure Size: 20" H, 16" W, 4.5" D (508 x 406 x 114 mm)
- Weight: Approx 20 lbs (9 kg)
- Operating Temperature: -4° to 122°F (-20° to 50°C)
- Operating Humidity: 5% to 85% relative, non-condensing
- Backup Battery: For 24V, use two 12VDC sealed lead acid (SLA) or gel cell batteries in series
- Supervision: AC fail, Battery fail, System fault (form "C")
Low power shutdown when battery voltage too low
- Fire Alarm Disconnect Activation: DC voltage: 0 to 33VDC, 3 to 15mA
Dry contact NO/NC
Optional Fire Alarm latching
- Visual Indicators: AC On, DC Output, Fire Alarm activation
- Compliance: FCC, IC, CE, RCM, UL 294
- Lifetime warranty



Openpath and Allegion Wireless Locks

Openpath seamlessly integrates with Allegion's Schlage® NDEB, LEB, and Control™ Mobile-Enabled Locks wirelessly via the ENGAGE™ technology, with native support for Bluetooth credentials.

Secure the interior

Expand physical access capabilities to:

- Non-wired interior entries and common spaces
- Sensitive spaces, such as healthcare and educational facilities
- Entries where fully wired access control is cost-prohibitive
- Lower-trafficked entries, such as conference rooms, storage closets, server rooms
- Multi-dwelling common areas or unit doors. Keep dorms, storage rooms, and amenities secure



What is needed

- Openpath Basic, Premium, or Enterprise software
- Openpath mobile app, keycards, or fobs
- Allegion Schlage® NDEB and LEB wireless locks or Control™ mobile enabled locks
- Allegion ENGAGE™ cloud platform and mobile app
- Allegion IP Gateway
- Openpath Open Admin app

Cost-effective, scalable access control

Schlage wireless locks are ideal for interior and low-traffic spaces where installing and maintaining a full door entry system would be cost-prohibitive. The Openpath integration is easy to set up with a mobile device and no wiring or Openpath hardware is required, and provides a complete, secure access control experience across any size deployment.

One contactless credential for all your doors

Unlock Schlage wireless locks with Openpath's Bluetooth-enabled mobile credentials, including our fast and reliable Rapid Unlock technology, or use Openpath key cards and fobs. Authorized users can also activate Lockdown or unlock Schlage wireless locks remotely from the Openpath app or Control Center. Openpath is currently one of the only physical access control integration that supports native Bluetooth credentials for Schlage wireless locks.

Combined security monitoring

View all access activity from Openpath entries and Schlage entries in one combined dashboard, with near-real time reporting. Receive automatic notifications for Schlage entry events such as door ajar and door forced open. Adjust lock settings at any time, and monitor lock battery life all from a single pane of glass.



Reimagining the Digital Badge

Openpath mobile app

Openpath mobile access offers a frictionless, unified credential to further bridge the gap between physical and cybersecurity. Paired with our patented Triple Unlock technology, Openpath is the fastest, most reliable mobile credential on the market.



Mobile badge view

Openpath's digital ID badge adds visual verification for heightened security, and can eliminate or complement a physical credential. Organization administrators can customize the design with their branding, and choose which fields to display.

Touchless Wave to Unlock

Wave your hand or phone in front of the reader to unlock the door. Openpath leverages Bluetooth, Wi-Fi and LTE capabilities, as well as location services, to ensure the best door opening experience possible.

Automatic entry detection

The app automatically finds the closest Openpath entries and shows them on the home screen for even quicker access. Save frequently used entries to Favorites and view full access history in the Activity Log.

Remote access features

Authorized users can remotely unlock doors, send digital visitor credentials, and activate pre-configured Lockdown plans in the event of an emergency, all from the app.

Digital Guest Pass

Easily and securely create temporary guest credentials for visitors, and send them via SMS or email. Visitors don't have to download the app to access the building, instead they can unlock entries via a convenient web page.

Single sign-on

Improve security and reduce exposure by using one IT-approved platform to securely authenticate across your entire business.

Real-time communication

Minimize security vulnerabilities with in-app communication tools. Contact the right person in your organization to give feedback and troubleshoot problems in real-time, without leaving the app.

Easy to use

User-friendly interface is easy to navigate, with quick access features and a setup tutorial that clearly explains permissions and trains new users.

Manage multiple accounts

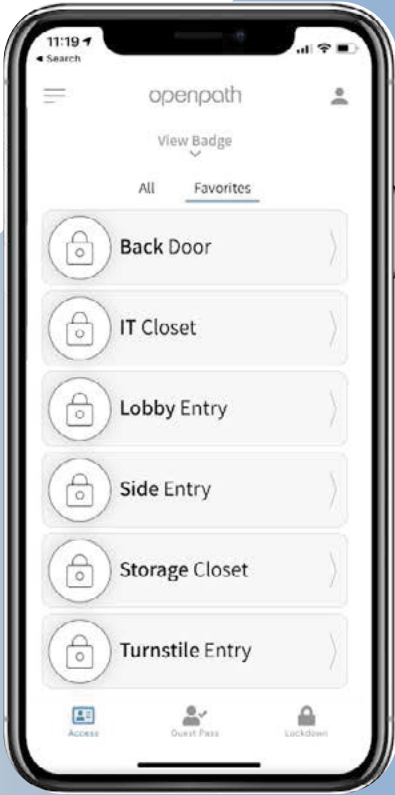
Link multiple Openpath accounts in your app so you can easily unlock doors at work, the gym, and at your apartment complex. Enable auto-account switching so your app does the work for you, and you can unlock doors without ever taking out your phone.

Customize your organization's mobile credentials, enabling as few or as many features necessary to optimize their experience



- ✓ Replace badge
- ✓ Open doors
- ✓ Two factor authentication

BASIC USER TO POWER USER



- ✓ Replace badge
- ✓ View door status
- ✓ Provide remote access
- ✓ Two factor authentication
- ✓ Guest pass
- ✓ Lock doors (when leaving)
- ✓ Lockdown triggers
- ✓ Activity Logs
- ✓ Open SDK / API
- ✓ Best in class support

CUSTOM DASHBOARDS

Better visibility, more control



- ✓ Allows each user to customize their main view in the Control Center to show the widgets that matter most to their day-to-day operations, removing clutter for more efficient security monitoring.
- ✓ Monitor from any device, from anywhere in the world with a completely mobile-optimized experience.
- ✓ User-specific customization for a single entry from one phone or tablet, up to a global organization managing hundreds of entries across multiple monitors.
- ✓ Gives security operations managers a broader perspective of what's happening across multiple sites and locations from one interface.
- ✓ Customize dashboards by site, org, and user to improve visibility at every level.
- ✓ The easy-to-use visual editor lets you drag and drop, resize, and add as many widgets as you want, at any time.
- ✓ Easily toggle between all dashboards in your organization, with the ability for each user to set their own default dashboard.

*Custom dashboards are available with the Premium and Enterprise software packages.



Customize your dashboard widgets

Live Event Feed — See entry events and alerts in real-time, such as door forced open or door left ajar, hardware and sensor status changes, and lockdown activation.

Entry Controls — Allows you to unlock specific entries directly from your default dashboard, with the option to trigger preset unlock durations.

Identity Verification — Shows a real-time visual of who is accessing a specific entry, plus a history of who accessed that entry. You can monitor multiple entries in one User Access widget, or add individual widgets to monitor different entries simultaneously.

Lockdown Plans — Quickly trigger or revert your organization's preset Lockdown plans in a single click.

Activity Feed — See all access activity for each user and entry in your entire organization, with convenient filters for easy search and export.

Occupancy — Gives users a quick view of occupancy levels by zone, based on set capacity limits.

Hardware Count — Easily check the number and status of Openpath controllers and readers across the entire organization.

Statistics — Quickly check the status of the system with the number and percentage of active users and total number of events in the past 12 hours.

Added functionality will continue to roll out automatically including live video feed, maps, and alarm widgets

Reseller Partner Program



The Openpath Difference

Openpath access control solutions are cloud-based, mobile-ready systems that work as a stand alone solution or as an integration with a legacy system already in place.

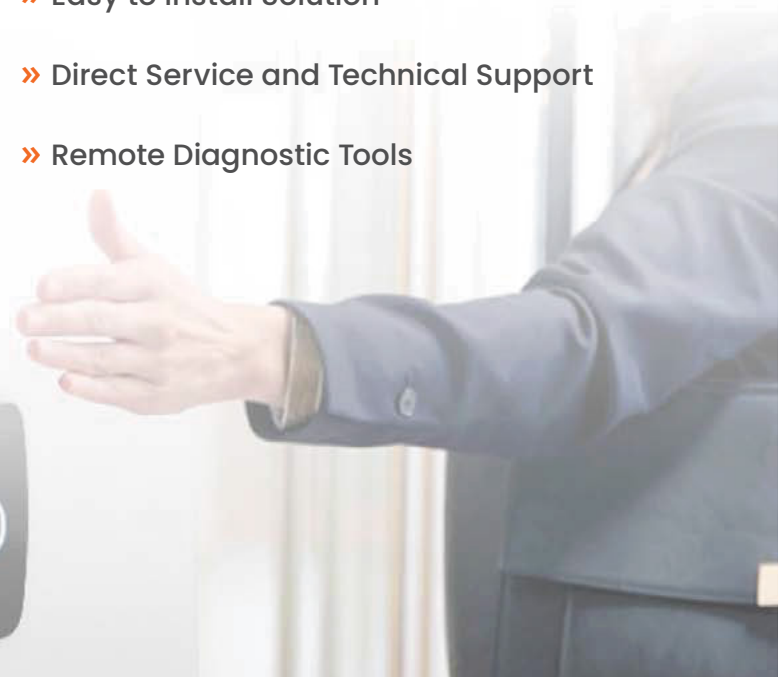
With our patented, triple unlock technology, Openpath offers a faster, more reliable, customizable solution for the modern workplace, and a frictionless, state-of-the-art solution for the installer.

Program Benefits

- » Recurring Revenue and Lead Generation
- » Tiered, Discounted Pricing and Training Program
- » Easy to Install Solution
- » Direct Service and Technical Support
- » Remote Diagnostic Tools

Who Should Be A Partner ?

If you sell or install access control systems and are looking for innovative solutions with next-generation technology!



Benefits

1 Recurring Revenue and Lead Generation

- » Make monthly recurring revenue by sharing in monthly access control fees
- » Bundle adjacent products and services such as alarm, monitoring, and/ or management
- » Openpath's marketing engine helps drive leads to you

3 Remote Diagnostic Tools

- » Remote system management, monitor all sites from a single pane of glass
- » Delight your customers by being more responsive Solve problems in real time over the phone
- » Means fewer truck rolls for you
- » Reduce service calls and wasted drive time

5 Service and Technical Support

- » Openpath can offer direct technical support to your customer when requested, to reduce your support burden for software/mobile related questions
- » Openpath provides install support for on-the-spot technical guidance

2 Tiered, Discounted Pricing and Training Program

- » Professional pricing that is tiered and scalable for enterprise accounts
- » Openpath provides training and certification programs and live support dedicated to helping your business grow
- » 24/7 Partner Portal access with co-branded collateral and marketing assets for all your customer needs

4 Easy to Install Solutions

- » Openpath works existing wiring and all locking hardware
- » Removeable connector blocks and reverse polarity protection
- » Power supply is included
- » No need to install physical fly back diode, its already built in!
- » Preconfigured cloud software and hardware for turnkey installation
- » Reduced install time with cloud integrations
- » Credentials support: mobile, keycard and fob
- » No local servers or software to deal with

Pass the Savings on to Your Customers

Upfront Customer Savings

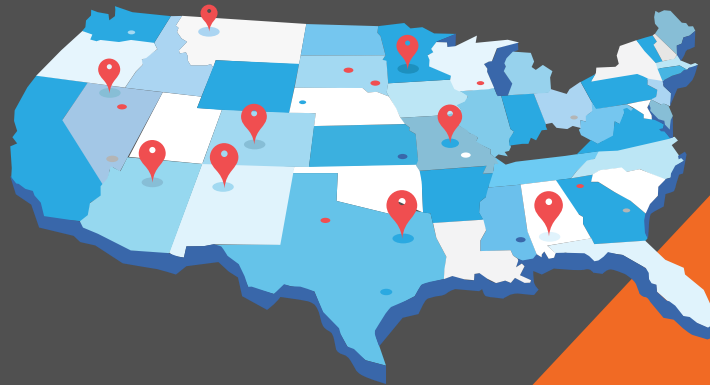
- » No servers or software to install
- » No need for dedicated IP Network or MPLS
- » No need to purchase keycards or card printer hardware/ software

Recurring Customer Savings

- » Credentials transfer seamlessly to new phone
- » No time wasted managing keys or keycards
- » Add locations with no server, software, networking or keycard costs

Premium software features for multi-site organizations

With added features designed specifically for businesses, our Premium Package prioritizes scalability, flexibility and interoperability to make managing multiple locations an effortless experience from start to finish.



Explore our enhanced access control features for commercial security



Advanced Rules Engine

Automate processes across all IoT connected sites with unlimited rules in our easy-to-use rules editor.



Occupancy tracking

Automate and enforce social distancing with built-in occupancy tracking features and detailed Presence Report analytics.



Enhanced role management

Customize site-specific access levels by user, and manage permissions for all locations in one dashboard.



Custom user fields

Securely store unique user information, with easy search and filter at the user level. Supports export via CSV.



Flexible lockdown

Create unlimited, site-specific plans with remote activation by entry, zone, and site. Included at no additional charge for all 501(c)3 organizations.



Native VMS integrations

Best-in-class video surveillance from Cisco Meraki and Milestone links access events with real-time video snapshots and automatic notifications.

Trusted By



Wonderful

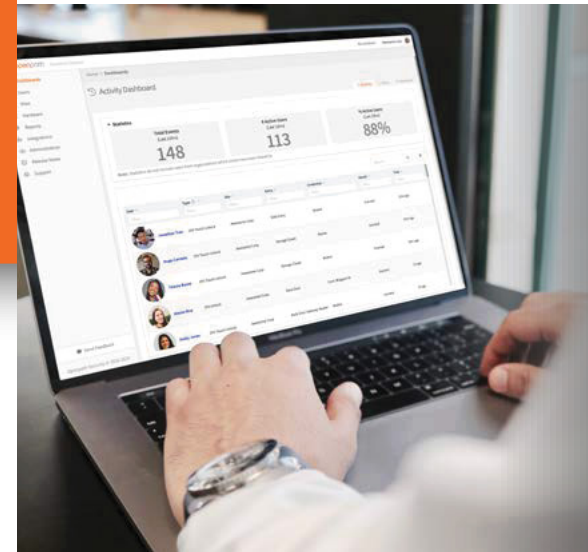


THERAGUN



contact us to get started: sales@openpath.com or 1-844-673-6728

About the Premium Package features

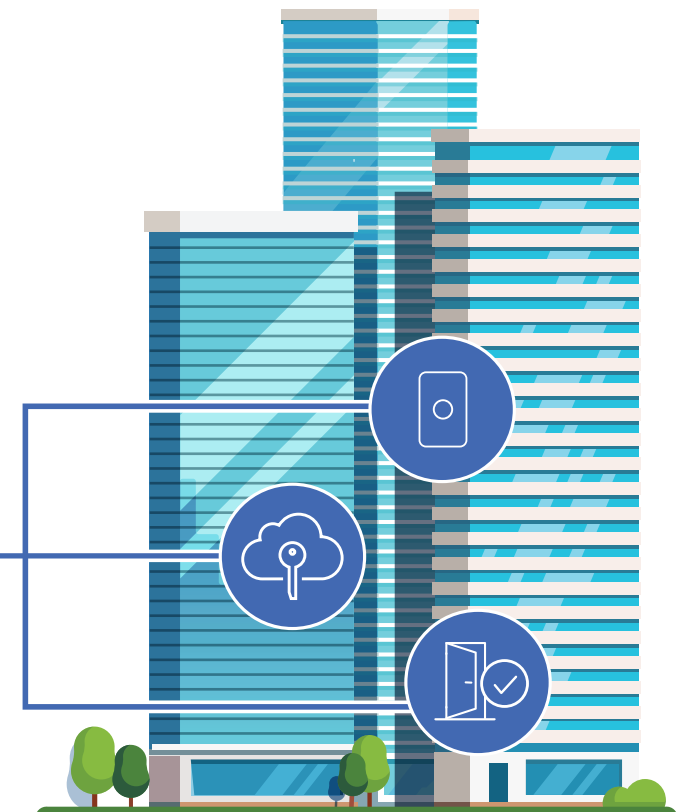
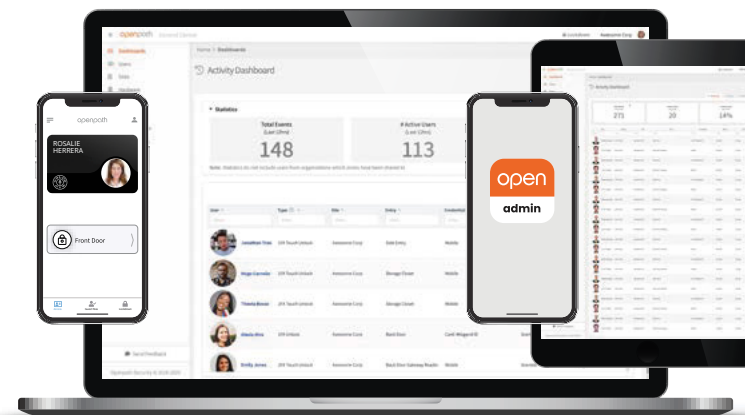


For organizations managing thousands of users across different locations, the Premium Package has added features designed to:

- Streamline user management across all sites
- Automate processes and reduce administrative burden
- Easily scale operations with fully remote access
- Integrate seamlessly with the tools and apps you use every day

A complete access control system

Premium software runs on next-generation access control hardware. The scalable enterprise-grade hardware comes equipped with convenient wiring for easy install, optional Wi-Fi support for network connectivity, and alerts against tampering. Openpath supports any door density necessary, plus quick, low-cost installation to minimize business interruption.



visit openpath.com to learn more

Enterprise software features for businesses

Tailored to the needs of corporate organizations, the Enterprise Package includes all our enhanced multi-site management features, plus dedicated support available 24/7.

Explore our enterprise-grade access control features



Dedicated access control system support

The Enterprise Package includes additional software support to help you make the most of your security system:

- 24/7 priority customer service via phone and email
- Support service level agreements (SLA)
- Full support for API and webhooks configuration
- Remote troubleshooting and OTA system updates



Advanced Rules Engine

Create unlimited rules to automate processes across all your IoT connected devices and sites with our easy-to-use rules editing tool.



Native VMS integrations

Easily deploy and configure Cisco Meraki and Milestone video surveillance alongside your access control, with real-time video snapshots and automatic alerts.



Custom user fields

Securely store and filter unique user information, and include on mobile badging. Supports export via CSV.



Track and manage occupancy

Built-in tracking shows you real-time occupancy, with the ability to set custom capacity limits to automate and enforce social distancing by zone.



Granular user permissions

Create and customize site-specific user access and permissions for every location, all remotely managed in a single dashboard.



Unlimited Flexible Lockdown

Proactively safeguard your space with site and event-specific lockdown plans. Remotely activate by entry, zone, and site. *Included at no additional charge for all 501(c)3 organizations.*

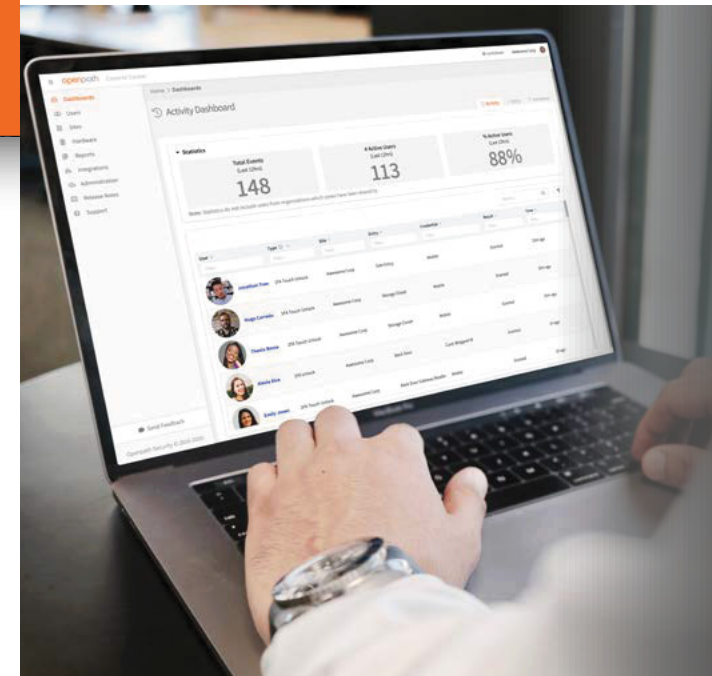
Trusted By



Wonderful



THERAGUN



All your locations on a single interface

Openpath makes managing thousands of users across all your locations effortless. The Enterprise Package includes enhanced features to make multi-site management easier than ever:

- Automate processes and reduce administrative burden
- Scale operations in a few clicks with fully remote, cloud-based access
- Easily customize permission and sync users across all sites
- Open API lets you integrate with all the tools and apps you use every day

Completely scalable, by design

Openpath offers complete, access control solutions flexible enough to support any door density needed. Our Enterprise software runs on next-generation hardware equipped with optional Wi-Fi support for network connectivity, and alerts against tampering, plus convenient wiring for quick, low-cost installation to minimize business interruption.

