openpath

access control for the modern workplace

Keypad Reader

The Openpath Keypad Reader revolutionizes PIN code access. Designed for ease of use for both credentialed users and visitors, the reader also supports multi-factor authentication with any combination of credentials and access methods. Built to last, the durable, capacitive touch keypad prevents spoofing, and the multi-technology, cloud-based device allows remote unlock and PIN-activated Lockdown, plus is backward compatible with third-party access systems through mobile gateway.

Features

Increased Security
Multi-factor authentication combines PIN code access with any combination of credentials and access methods for secure ease of use

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

Durability
Capacitive touch screen eliminates physical buttons and guarantees minimal wear-and-tear.

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

Works with any single or combined credential type

OP-RKP-MULL
OP-RKP-STND
Keypad Reader

Installation Options

Mullion (OP-RKP-MULL)

• Surface mounted on wall or door frame

Standard (OP-RKP-STND)

• Flush mounted with US gang box

• Surface mounted on a wall

• Surface mounted on EU gang box

Features

• 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 Openpath mobile app on both Android and iOS

• Works with Smart Watches in addition to the mobile app

• Supports remote unlocking with user-level privileges

• Supports PIN functionality

• Supports two-factor authentication (2FA) & multi-factor authentication (MFA)

Installation

The Keypad Reader and our ACUs communicate via RS-485. We recommend using a shielded CAT6A cable with recommended maximum cable length of 300ft (91m) with CAT6 or 500ft (152 m) if two wire pairs are used for GND and VIN (power).

Please review the wiring information chart for additional wiring instructions. Temperature should not exceed -22ºF to 140ºF (-30ºC to 60ºC).

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

• Fully encrypted PIN transmission between reader and controller

System Compatibility

• The Keypad Reader works with Openpath Access System including Openpath controllers, cloud management software, and the Openpath mobile app and mobile SDK

• The Keypad Reader works with legacy access control systems via Mobile Gateway option

• The Keypad Reader works with 3rd party wiegand accessories

• Support for Apple Enhanced Contactless Protocol (ECP)

Dimensions

• Mullion: 4.4 x 18.4 x 2.4 cm (1.7 x 7.2 x 0.9 in)

• With Standard bracket: No back plate, on gang box: 11 x 12 x 1.2 cm (4.3 x 4.7 x 0.5 in)

Power Rating

• 0.25A @ 12VDC

• 0.12A @ 24VDC

Keypad Reader

Specifications

Cloud Based	Yes
Form	Mullion & Standard
Color	Black
Frequency	Bluetooth LE (2402-2480MHZ): 2 dBm
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
Certification	FCC, CE, ISED/IC, UL294, IP65
Environmental	IP65