



## I/O Door Controller

A1081

SKU: 65494

### DoorBird I/O Door Controller A1081

The DoorBird I/O Door Controller A1081 offers tamperproof control of up to three doors or gates over a network. It can be installed in a protected interior area, such as a control cabinet in the basement and can be connected to the DoorBird IP video door station via the network.

No physical wires have to be connected to the door or gate and the door station. The DoorBird I/O Door Controller, therefore, eliminates the risk of shorting and activating the electric door opener in case of unauthorized removal of the door station and makes your property/building safer. The connection of the DoorBird I/O Door Controller to the network can be accomplished via a network cable (PoE capability) or WIFI.

All signals between the door station and the DoorBird I/O Door Controller is transmitted tamperproof and encrypted according to banking standards. Up to three electric door openers can be connected to independent and configurable NO/NC relay contacts at the I/O door controller while the wiring remains inaccessible from the outside.

Tampering by a short circuit or an external voltage source, for example, is therefore preempted. While this type of relay is commonly referred to as isolated safety relay, the DoorBird I/O Door Controller is capable of far more. It is able to monitor whether a door or gate is currently open and offers the possibility to connect and monitor two external sensors such as e.g. a motion sensor or a contact switch. This can be used to actuate a further action, including an alarm push notification to a smartphone or tablet.

#### DoorBird IP video door station

There is no limitation concerning the amount of DoorBird I/O Door Controllers that can be connected to a DoorBird IP video door station on a network. All the doors and gates connected to the I/O door controller can be activated via the DoorBird App at any time. That means residents can conveniently open doors and gates from anywhere in the world via smartphone or event configuration (e.g. RFID or keypad code).

#### Features

- Tamperproof control of up to three doors or gates
- Encryption based on banking standards
- Monitoring of two external sensors
- Three freely configurable, bi-stable switching relays (permanently open, permanently closed, toggle)
- The switching relays keep their state even in the case of loss of power
- Wireless network, Ethernet, PoE
- Alarm notification via push notification on smartphone and tablet
- Suitable for mounting on walls, ceilings and in control cabinets

Dimensions -122 x 86 x 32 mm (L x W x H)/4.8 x 3.39 x 1.26 in (L x W x H) Power supply 15 V DC or power over Ethernet (PoE 802.3af mode A) Operating conditions -25 to 55°C / -13 to 131°F WiFi 2.4 GHz, 802.11 b/g/n, external antenna PoE IEEE 802.3 af/at (Mode-A) System requirements-Mobile end device: latest iOS on iPhone/iPad, latest Android on smartphone/tablet Internet: High-speed landline broadband Internet connection, DSL, cable or fiber, no socks or proxy server Network: 802.11 b/g/n 2.4 GHz or Ethernet Network, with DHCP Compatible with all DoorBird IP Video Door Stations