



A1081

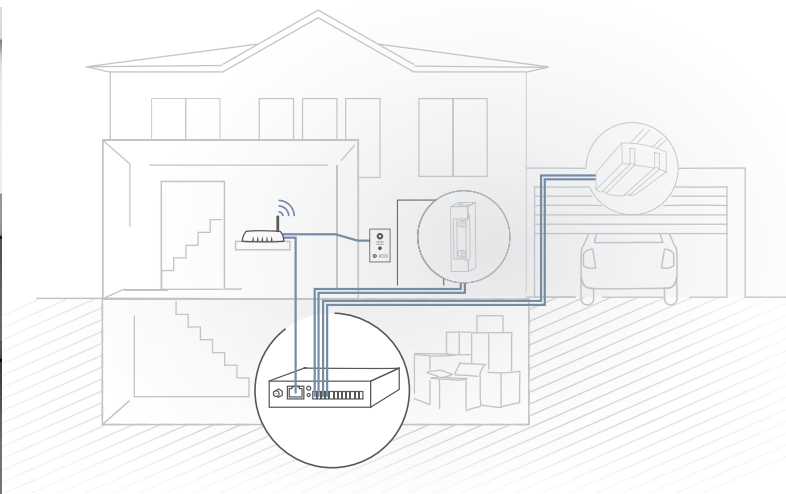
IP I/O DOOR CONTROLLER

## DoorBird IP I/O Door Controller A1081



The A1081 DoorBird I/O Door Controller 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 between 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 network cable (PoE capability) or WIFI.

All signals between the door station and the DoorBird I/O Door Controller are 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. The status of the relays will be displayed in the DoorBird App. Tampering by 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 provides status of the relay (i.e. open or closed) 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.



## THE 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
- Can be mounted on walls, ceilings or in control cabinets

including an alarm push notification to a smartphone or tablet.

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).



**TECHNICAL SPECIFICATIONS**

<b>Dimensions</b>	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)
<b>Power supply</b>	15 V DC or power over Ethernet (PoE 802.3af mode A)
<b>Operating conditions</b>	-25 to 55°C / -13 to 131°F Humidity 10 to 85 % RH (non condensing)
<b>Connectors</b>	SMA, RJ45 (10/100 Base-T) for LAN/PoE, 12-pin screw terminal for <ul style="list-style-type: none"> <li>• 15 V DC input (+, -)</li> <li>• Bi-stable latching relay #1, max. 24 V DC / AC, 1 Ampere</li> <li>• Bi-stable latching relay #2, max. 24 V DC / AC, 1 Ampere</li> <li>• Bi-stable latching relay #3, max. 24 V DC / AC, 1 Ampere</li> <li>• External input 1 (potential-free)</li> <li>• External input 2 (potential-free)</li> </ul>
<b>PoE</b>	IEEE 802.3 af/at (Mode-A)
<b>System requirements</b>	<p>Mobile end device: latest iOS on iPhone/iPad, latest Android on smartphone/tablet</p> <p>Internet: High-speed landline broadband Internet connection, DSL, cable or fiber, no socks or proxy server</p> <p>Network: 802.11 b/g/n 2.4 GHz or Ethernet Network, with DHCP</p> <p>Compatible with all DoorBird IP Video Door Stations.</p>
<b>Scope of delivery</b>	<ul style="list-style-type: none"> <li>1 x I/O Door Controller</li> <li>1 x Network Cable</li> <li>1 x Power supply unit (mains adaptor) with four country-specific adaptors (110 - 240 V AC to 15 V DC)</li> <li>1 x DIN-Rail adapter</li> <li>1 x Drilling template</li> <li>1 x Small parts</li> <li>1 x Installation manual</li> </ul>
<b>Approvals</b>	CE, FCC, UL, RoHS, IP50
<b>Weather-proof</b>	No
<b>Weight</b>	174 g