DoorBird IP I/O Door Controller A1081

Product number 1298-A1081

Product description

DoorBird IP I/O Door Controller A1081

The DoorBird I/O Door Controller A1081 offers the possibility to control up to three doors or gates in a tamper-proof manner via the network. In the vast majority of cases, electric strikes are connected directly to the door station via two wires for structural reasons. Unauthorised removal of the door station and deliberate short-circuiting of the wires can activate the electric strike and allow unauthorised persons access to the property or building. The DoorBird I/O Door Controller provides a proven remedy here, as it is installed in a protected indoor area, e.g. in a switch cabinet in the basement, and connected to the DoorBird IP Video Door Station via the network. The connection to the network can be made via network cable (PoE) or WLAN. All signals between the door station and I/O door controller are transmitted tamper-proof and encrypted in accordance with banking standards. Up to three electric strikes can be connected to the I/O door controller via wiring that cannot be reached from the outside. This prevents tampering, e.g. through a short circuit or an external voltage source. In the door intercom sector, an I/O door controller is often referred to as a "remote security relay", although the DoorBird I/O door controller can do much more than just tamper-proof remote control of doors and gates: It displays the switching status of the relay (e.g. open or closed) and up to two external sensors such as motion detectors, vibration sensors or contact switches can be connected and analysed, including worldwide alarm notification via push message on smartphone and tablet. Any number of DoorBird I/O Door Controllers can be connected to a DoorBird IP Video Door Station in a network. In the DoorBird app, all doors and gates activated in the I/O door controller are available at the click of a button, so that residents can conveniently open doors and gates from anywhere in the world using a smartphone or event configuration (e.g. RFID or keypad code).

- **THE ADVANTAGES**
- Tamper-proof control of up to three doors or gates
- Encryption in accordance with banking standards
- Monitoring of two external sensors
- Three freely configurable (permanently open, permanently closed, toggle) bistable switching relays
- The switching relays retain their status even if power is lost
- WLAN, Ethernet, PoE
- Alarm message via push notification on smartphone and tablet
- Suitable for wall, ceiling and switch cabinet mounting

TECHNICAL DATA

Power supply 15 V DC or Power over Ethernet (PoE 802.3af Mode-A)
Operating temperature -25 to 55°C / -13 to 131°F Relative humidity 10 to 85 % (non-condensing)
Connections
SMA, RJ45 (10/100 Base-T) for LAN/PoE, 12-pin screw terminal for
- 15 V DC input (+, -)
- Bi-stable latching switching relay #1 max. 24 V DC / AC, 1 ampere
- Bi-stable latching switching relay #2 max. 24 V DC / AC, 1 ampere
- Bi-stable latching switching relay #3 max. 24 V DC / AC, 1 ampere
- External input 1 (potential-free)
- External input 2 (potential-free)
WLAN 2.4 GHz, 802.11 b/g/n, external antenna
PoE IEEE 802.3 af/at (Mode-A)
System requirements
Mobile device: Latest iOS on iPhone/iPad, latest Android on smartphone/tablet
Internet: High-speed landline broadband Internet connection, DSL, cable or fibre optic, no socks or proxy server
Network: 802.11 b/g/n 2.4 GHz or Ethernet network, with DHCP
Scope of delivery 1 x I/O door controller, 1 x network cable, 1 x plug-in power supply (110 - 240 V AC to 15 V DC) with 4 country adapters, 1 x DIN rail adapter, 1 x drilling template, 1 x small parts, 1 x installation instructions
Approvals CE, FCC, UL, RoHS, IP50
Weatherproof No
Dimensions 122 x 86 x 32 mm (L x W x H)

Compatible with all DoorBird IP video door stations.

Important information

Camera or intercom preparation

The intercom systems must be connected by an electrician. Contact your trusted electrician for planning, fitting and installation.

Dimensions

Width in mm 122
Height in mm 32
Depth in mm 86,0
Weight in kg 0,18

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