**Robotina d.o.o.**
OIC Hrpelje 38
SI-6240 Kozina
Slovenia

# 1. CR-D3-V2-PX-BK

**RFID, QR code code readers, iBeacon transmitter**



| Model number: | **CR-D3-V2-PX-BK** | Black |
|---|---|---|
| Mounting: | Field, on wall | |
| Old code: | CR-D3 | |

## 1.1. Features

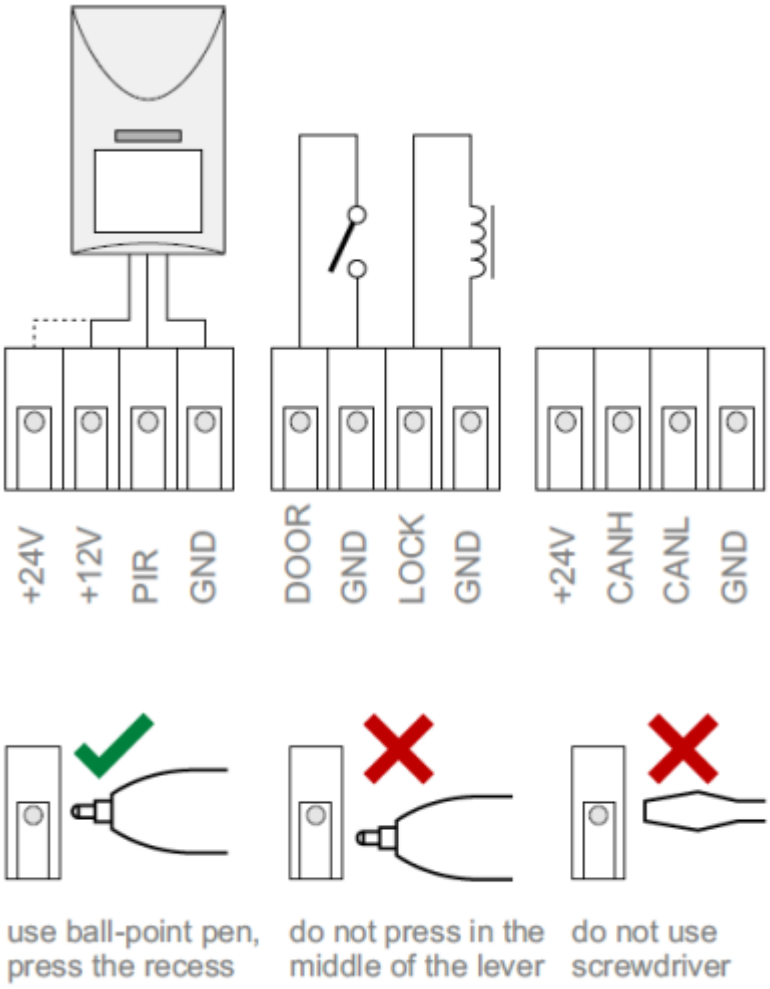
- RFID card reader
- QR code reader
- iBeacon transmitter
- digital output for door lock
- digital input for door sensor
- digital input for PIR sensor

## 1.2. Technical specification

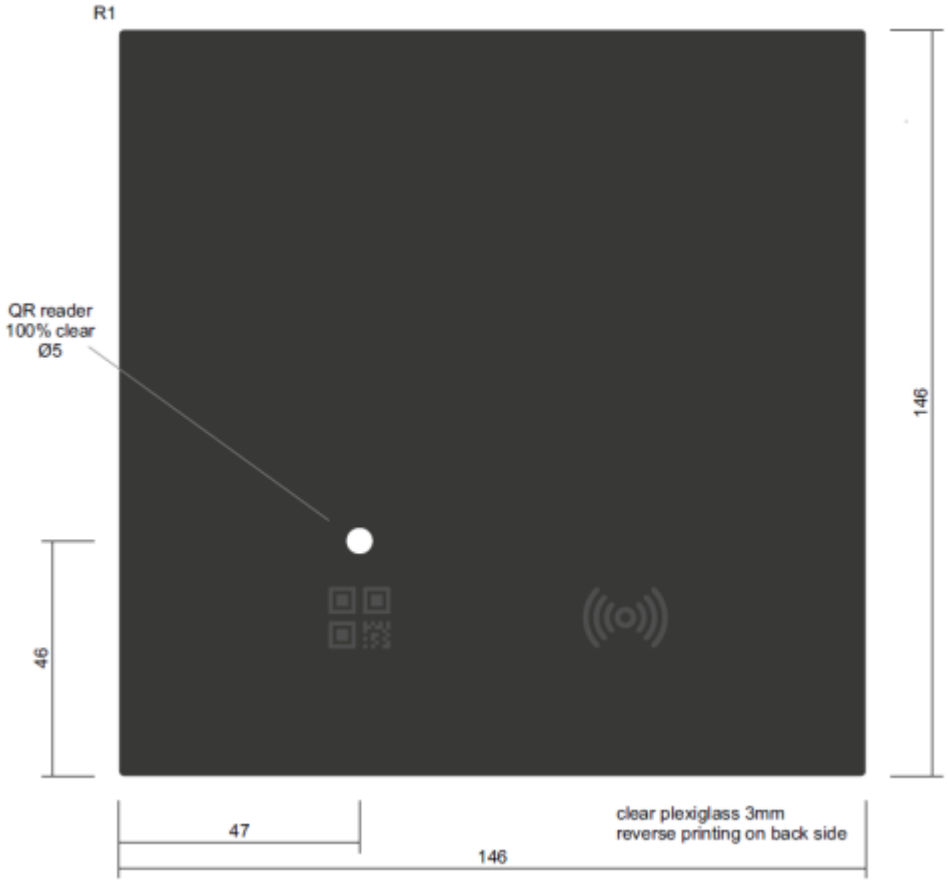
| **RFID reader** | |
|---|---|
| Tag frequency | 125kHz |

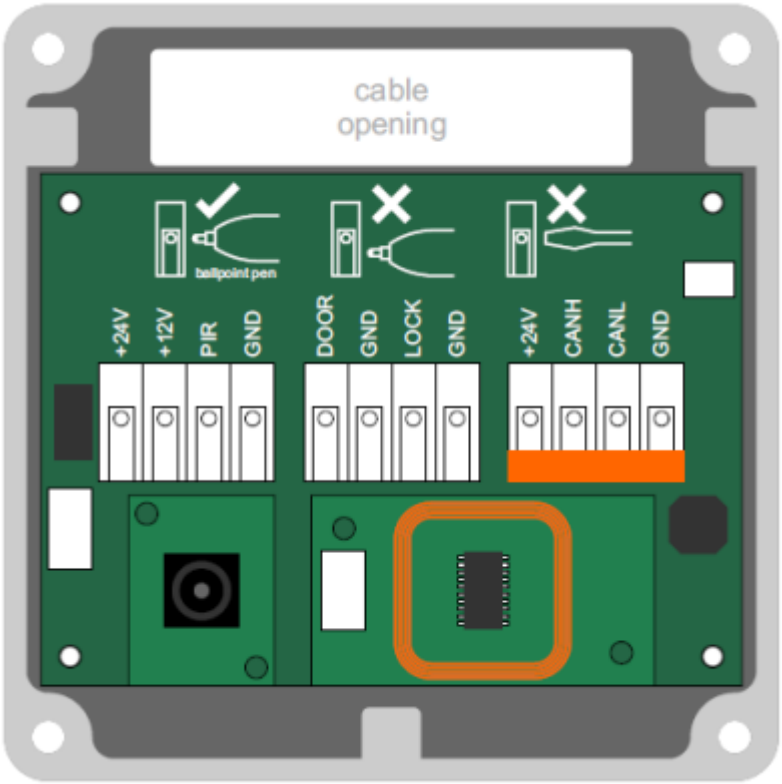
| | |
|---|---|
| Reading distance | 0..4cm |
| Output format | 32-bit binary |
| **QR reader** | |
| 2D formats | QR code, Micro QR |
| Reading distance | 5..30cm |
| Environment light | 100 lux min. |
| Decoding time | 400ms |
| Optimal QR size | 22x22mm |
| Output format | plain text |
| **Beacon** | |
| Bluetooth protocol | BLE 5.0 |
| Frequency band | 2.4GHz |
| Broadcast range | 5m |
| Advertising interval | 100..500ms |
| Local name | CYBRO |
| **Digital input** | |
| Input type | dry contact, internal pull-up 12V 2mA |
| Cable length | 50m |
| **Door lock output** | |
| Voltage | 12V or 24V, software adjustable |
| Output current | 500mA |
| Protection | short circuit, overvoltage, overheating |
| Cable length | 50m |
| **PIR sensor** | |
| Input type | dry contact, internal pull-up 12V 2mA |
| Power output | 12V 25mA or 24V 25mA |
| Protection | short circuit, overheating |
| Cable length | 50m |
| **General** | |
| Power supply | 24V (18..28V), 85mA (+door lock) |
| Terminals | push-button cage clamp 3.5mm |
| Wire diameter | solid wire 0.25..1.5mm2, stranded with ferrule 0.5..0.75mm2 |
| Operating conditions | 0..45°C, 0..85% rh non-condensing |
| Storage temperature | -20..75°C |
| Degree of protection | IP20 |
| Dimensions | 146x146x13mm |
| Weight | 140g |

# 1.3. Terminals




## 1.4. Dimensions & Mounting




## 1.5. TGP app

CR-D TGP communication & aplication