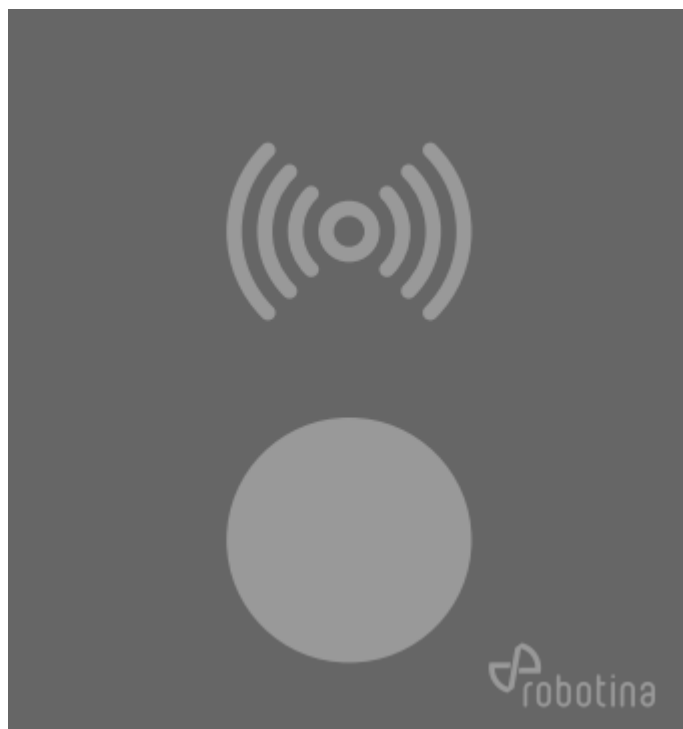


# CR-D3

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



|               |                |
|---------------|----------------|
| Model number: | <b>CR-D3</b>   |
| Mounting:     | Field, on wall |

## Features

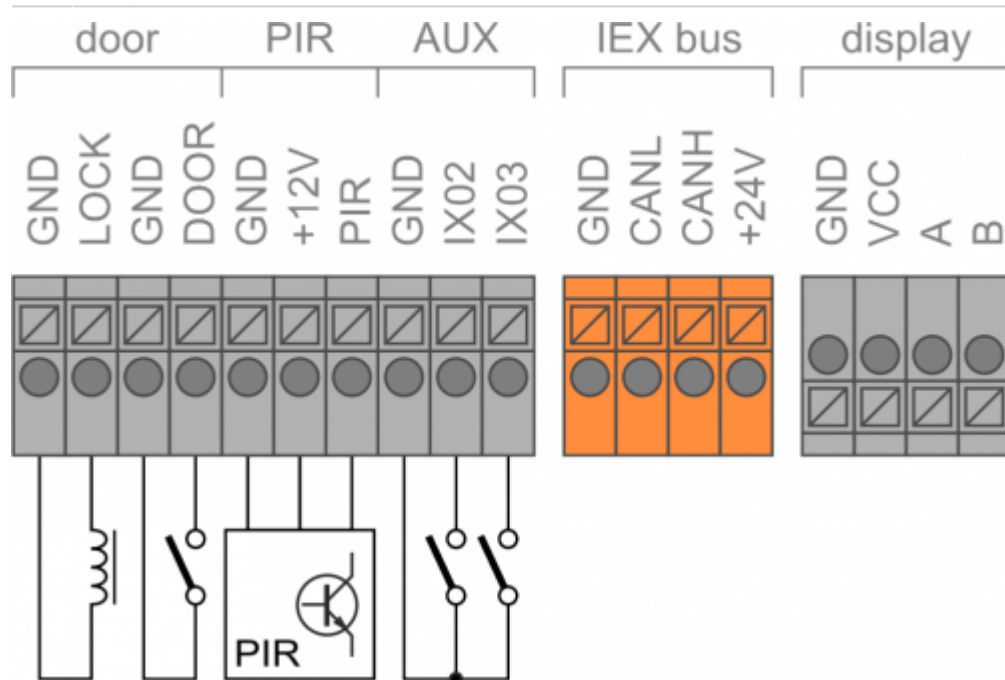
- RFID card reader
- QR code reader
- iBeacon transmitter
- temperature sensor
- digital output for door lock
- digital input for door sensor
- digital input for PIR sensor
- 2 spare digital inputs

## Technical specification

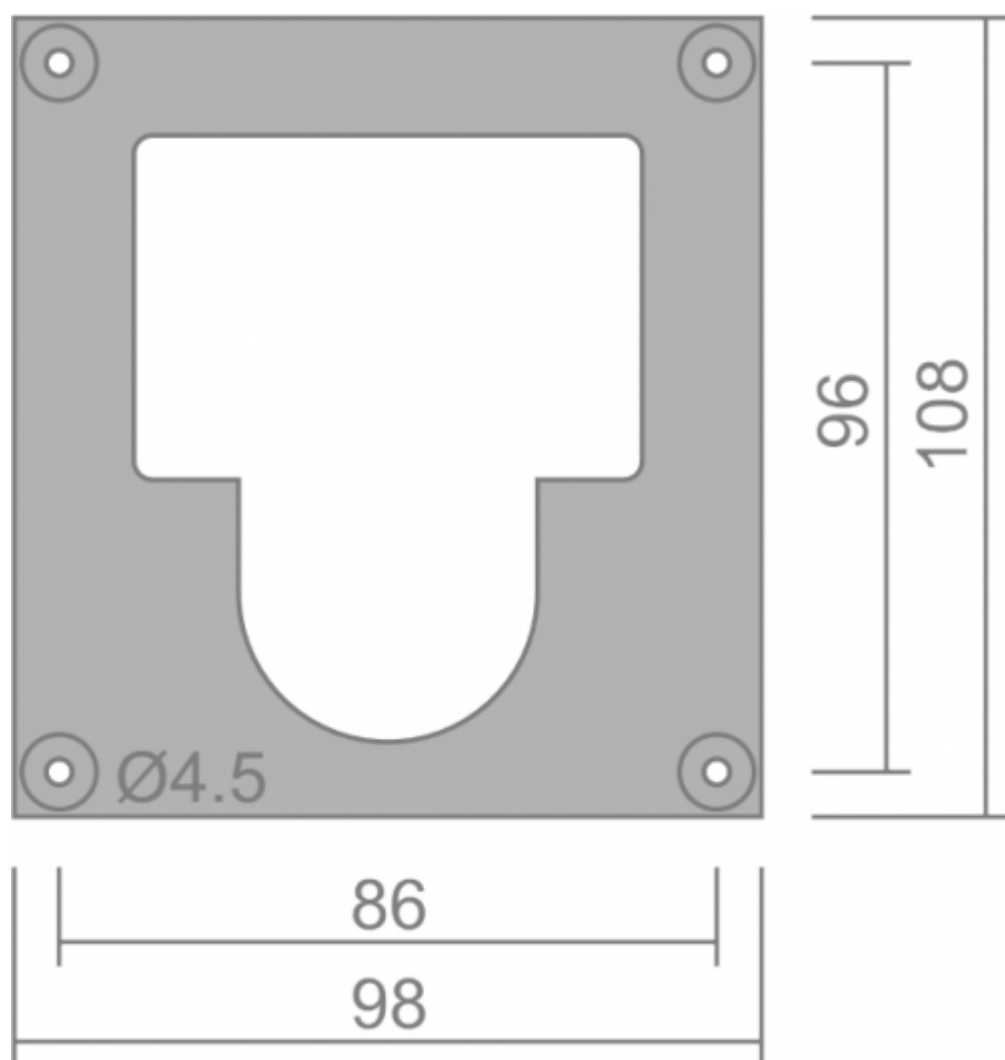
| RFID reader      |               |
|------------------|---------------|
| Tag frequency    | 125kHz        |
| Reading distance | 0..5cm        |
| Output format    | 32-bit binary |

|                         |                                                              |
|-------------------------|--------------------------------------------------------------|
| <b>RFID reader</b>      |                                                              |
| <b>QR reader</b>        |                                                              |
| 2D formats              | QR, Data Matrix, PDF417                                      |
| 1D formats              | EAN13, UPCA, UPCE0/1                                         |
| Reading distance        | 1.5..15cm                                                    |
| Environment light       | 50 lux..100,000 lux                                          |
| Decoding time           | 400ms                                                        |
| Optimal QR size         | 22x22mm                                                      |
| Output format           | plain text                                                   |
| <b>Beacon</b>           |                                                              |
| Bluetooth protocol      | BLE 5.0                                                      |
| Frequency band          | 2.4GHz                                                       |
| Broadcast range         | 5m                                                           |
| Advertising interval    | 500ms                                                        |
| Local name              | CYBRO                                                        |
| Digital input           |                                                              |
| Input type              | dry contact, internal pull-up 12V 2mA                        |
| Cable length            | 50m                                                          |
| <b>Door lock output</b> |                                                              |
| Voltage                 | 12V or 24V, software adjustable                              |
| Output current          | 500mA                                                        |
| Protection              | short circuit, overvoltage, overheating                      |
| Cable length            | 50m                                                          |
| <b>PIR sensor</b>       |                                                              |
| Input type              | dry contact, internal pull-up 12V 2mA                        |
| Power output            | 12V 25mA                                                     |
| Protection              | short circuit, overheating                                   |
| Cable length            | 50m                                                          |
| <b>General</b>          |                                                              |
| Power supply            | 24V (18..28V), 85mA (+door lock)                             |
| Terminals               | push-button cage clamp 3.5mm                                 |
| Wire diameter           | stranded 0.2..1.5mm <sup>2</sup> , solid to 1mm <sup>2</sup> |
| Operating conditions    | 0..45°C, 0..85% rh non-condensing                            |
| Storage temperature     | -20..75°C                                                    |
| Degree of protection    | IP20                                                         |
| Dimensions              | 98x200x29mm                                                  |
| Weight                  | 350 g                                                        |

## Terminals



## Dimensions & Mounting



## Touch panel app