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

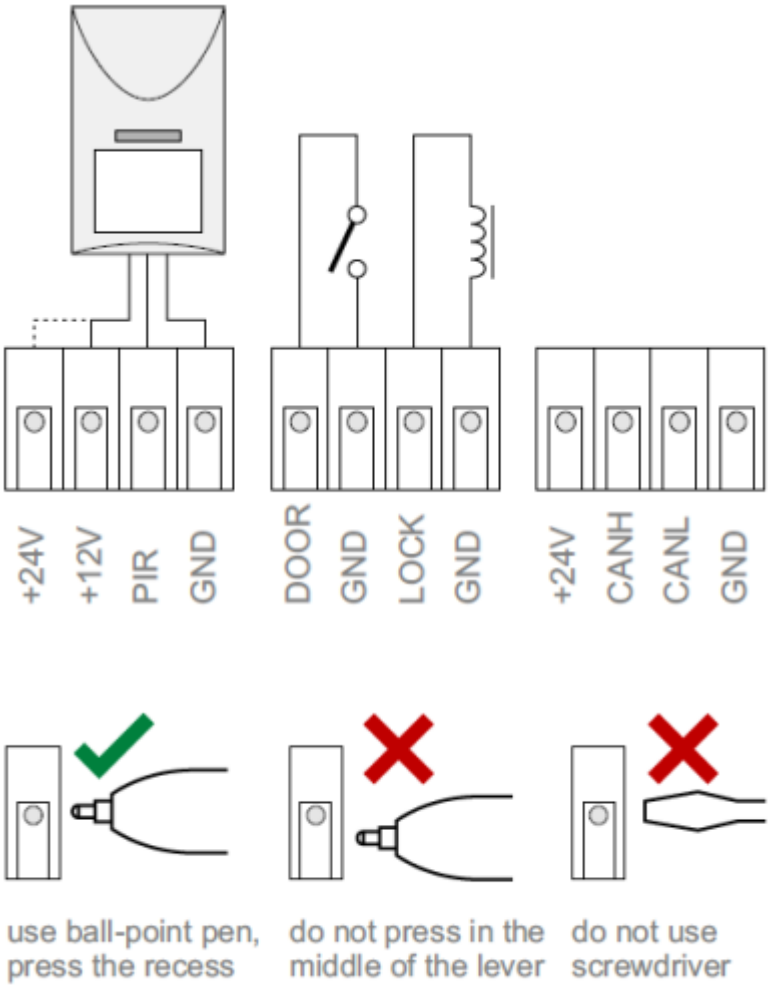
- RFID card reader
- QR code reader
- iBeacon transmitter
- digital output for door lock
- digital input for door sensor
- digital input for PIR sensor

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