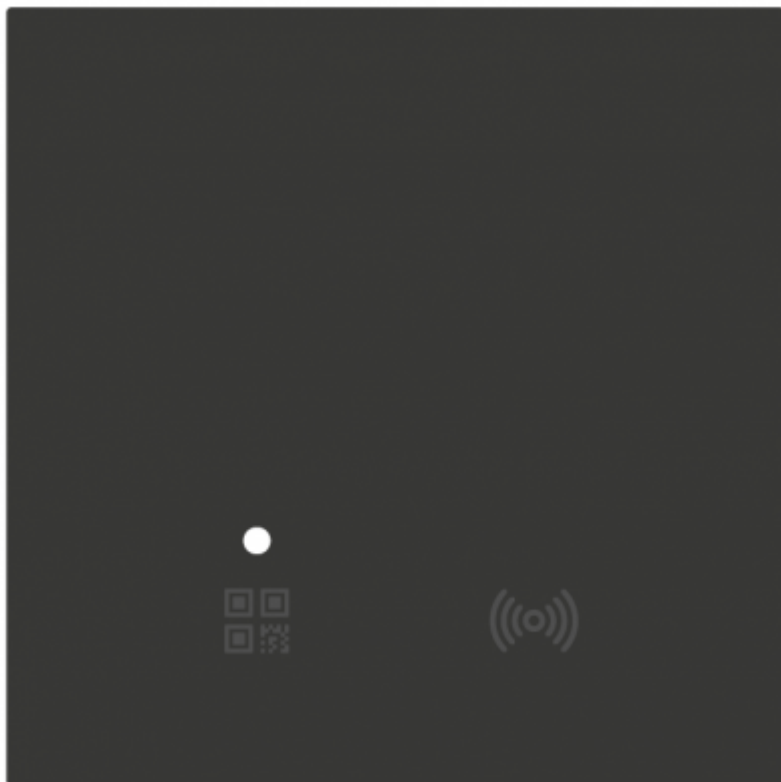


# CR-D3-V2-PX-BK

RFID, QR code code readers, iBeacon transmitter



Model number:	<b>CR-D3-V2-PX-BK</b>	Black
Mounting:	Field, on wall	
Old code:	CR-D3	

## Features

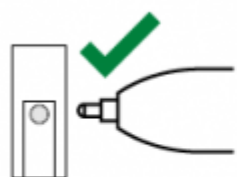
- RFID card reader
- QR code reader
- iBeacon transmitter
- digital output for door lock
- digital input for door sensor
- digital input for PIR sensor

## Technical specification

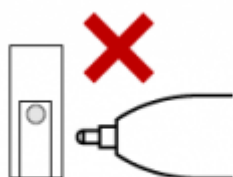
RFID reader	
Tag frequency	125kHz

Reading distance	0..4cm
Output format	32-bit binary
<b>QR reader</b>	
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
<b>Beacon</b>	
Bluetooth protocol	BLE 5.0
Frequency band	2.4GHz
Broadcast range	5m
Advertising interval	100..500ms
Local name	CYBRO
<b>Digital input</b>	
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 or 24V 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	solid wire 0.25..1.5mm <sup>2</sup> , stranded with ferrule 0.5..0.75mm <sup>2</sup>
Operating conditions	0..45°C, 0..85% rh non-condensing
Storage temperature	-20..75°C
Degree of protection	IP20
Dimensions	146x146x13mm
Weight	140g

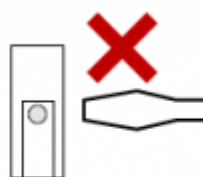
## Terminals



use ball-point pen,  
press the recess



do not press in the  
middle of the lever



do not use  
screwdriver

## Dimensions & Mounting

### TGP app

[CR-D TGP communication & application](#)