

# HARDWARE

SafeGate's hardware includes QR code and RFID card reader, TOF sensor, body temperature sensor and protective mask detector. The last two can be combined into face scanner.

## Wiring

Device	Power supply	Conected to	
TOF sensor	POE	MC	GND, IX0, IX1
Temperature and mask scanner	PS: 12 VDC	MC	GND, IX2
QR and RFID reader	CR-W2: +12V, GND	CR-W2	D0, D1-0, GN-0
Entrance allowed	-	CR-W2	C0 - QX0 (Relay)
REED entrance	-	CR-W2	GND - IW0
Button entrance	-	CR-W2	GND - IW1
Exit allowed	-	CR-W2	C0 - QX1 (Relay)
REED exit	-	CR-W2	GND - IW2
Button exit	-	CR-W2	GND - IW3
Motion sensor	MC: +24V, GND	MC	IX0
Hand disinfection	EXT:	MC	GND - IO14
Alarm	PS: 12 VDC	MC	C1 - QX2 (Relay)
LED Display	EXT: 230 VAC	MC	TxD, RxD, GND

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