

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	12 VDC	MC	GND, IX2
QR and RFID reader	+12V, GND	CR-W2	D0, D1-0, GN-0
Entrance allowed	-	CR-W2	C1 - QX0
REED entrance	-	CR-W2	GND - IW0
Button entrance	-	CR-W2	GND - IW1
Exit allowed	-	CR-W2	C2 - QX1
REED exit	-	CR-W2	GND - IW2
Button exit	-	CR-W2	GND - IW3
Motion sensor	+24V, GND	MC	IX0
Hand disinfection	-	MC	GND - IO14
Alarm	12 VDC	MC	QX0
LED Display	230 VAC	MC	TxD, RxD, GND

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