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	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	MC: +24V, GND	MC	IX0
Hand disinfection	EXT:	MC	GND - IO14
Alarm	PS: 12 VDC	MC	QX0
LED Display	EXT: 230 VAC	MC	TxD, RxD, GND