

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	IO12
Hand disinfection	EXT:	MC	GND - IO15
Alarm	PS: 12 VDC	MC	C1 - QX2 (Relay)
LED Display	EXT: 230 VAC	MC	TxD, RxD, GND