

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 |

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