

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

| | | |
|------------------------------|-------|---------------------------|
| LED Display | MC | TxD, RxD, GND |
| QR and RFID reader | CR-W2 | +12V, GND, D0, D1-0, GN-0 |
| Entrance allowed | CR-W2 | QX0 |
| Exit allowed | CR-W2 | QX1 |
| REED entrance | CR-W2 | IW0 |
| REED exit | CR-W2 | IW2 |
| Button entrance | CR-W2 | IW1 |
| Button exit | CR-W2 | IW3 |
| TOF sensor | MC | IO12, IO13 |
| Temperature and mask scanner | MC | IX2 |
| Motion sensor | MC | IX0 |
| Hand disinfection | MC | IO14 |
| Alarm | MC | QX0 |

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