S Gate SG3-M1

The **S Gate SG3** provides an easy and user-friendly way to check safe entry from the point of view of preventing COVID-19 virus infections.

For this purpose, it allows:

- body temperature check,
- hand disinfection,
- access control with QR or RFID codes,
- manual confirmation,
- auxiliary presence sensor or call button,
- counting of entries and exits,
- signaling the status of the entry procedure,
- warning of possible unauthorized entry,
- entry or/and exit gate control,
- wireless alarm reset / gate open button,
- wireless gate connection,
- wireless alarm socket.

It allows easy complete adaptation to actual needs, both during installation and later during use.

installations

Temperature scanner

The temperature sensor allows the detection of body temperature. Before entering, it is necessary to move the forehead close to the sensor. Depending on the measured temperature, the sensor generates an entry permit (from 34.0 ° C to 37.5 ° C) or a warning for fever (above 37.5 ° C).

Hand disinfectant

Upon detection of the palm, the disinfectant sprays an appropriate amount of liquid disinfectant.

QR and RFID code scanner

Depending on the settings, access can only be restricted to users who have permission. This is determined by scanning a QR or RFID code. The reader allows you to read RFID codes from various media: smart cards, pendants, bracelets. The EM 125 standard for contactless reading of RFID codes is supported. In addition, it is possible to read QR codes, which can be printed or displayed on the screen of mobile phones or smart watches.

Passage sensors

It is possible to detect and count passages with different sensors and different layouts so that we can fully adapt to the actual layout and needs.

Bidirectional TOF photo sensors

It is used when the entrance and exit from the controlled area are common and up to 3 m wide. The sensors can be mounted on the left or right side of the post during installation. When the post cannot be installed directly at the entry / exit, the sensor can be mounted on a special bracket.

2 × one-way TOF photo sensors

It is used when the entrance and exit from the controlled area are separate and up to 3 m wide each. The sensors can be mounted on the left and right sides of the post during installation. When the post cannot be installed directly between entry and exit, the sensor can be mounted on a special bracket.

Advanced TOF passage sensor

In cases where it is not possible to detect passages reliably enough or a very accurate count of users is required, an advanced TOF sensor can be used. The sensor is placed under the ceiling by monitoring the inputs and outputs of the room. The TOF sensor can be easily configured to cover even very complex transitions. It is also possible to connect several sensors where the transitions are very wide or there are several.

Multi-color status light & internal beeper

A multi-colored 360 ° light is installed at the top of the pillar to signal the **S Gate** status. The status is also signaled by a built-in beeper.

light	state	description
blue	idle	a new user can start the entry procedure
yellow	progress	entry procedure in progress
green	enter	entry procedure successfully completed
red	warning	no permission to continue the entry procedure (detected too high temperature, incorrect code)
flashing red	alarm	detected entry despite failed or failed entry procedure

beeper	state	description
short beep	step	successfully completed entry step
2 short beeps	enter	entry procedure successfully completed
long beep	warning	no permission to continue the entry procedure (detected too high temperature, incorrect code)
repetitive short beeps	alarm	detected entry despite failed or failed entry procedure

Wireless button

The wireless button allows you to:

- reset the alarm if it is active
- confirmation of entry if the other steps of the procedure are completed or
- forced door opening (long press).

Wireless gate module

Allows wireless door opening.

Wireless alarm socket

Enables wireless alerting on

- unauthorized passage (blink)
- call from the user (continuous)
- user with high temperature (blink)
- scanning the wrong code (blink)

LED Display

An LED display showing the expected steps of the entry procedure can be connected as an option. The texts for the individual steps can be easily customized using the configurator.

Graphical user interface

A graphical user interface can be installed next to the entry point equipped with SGate, which guides

the user through the entry procedure graphically and with short instructions.



Operator user interface

To manage SGate, a pc application is available that allows status review and management.



Configurator

The configurator is used to configure and later adjust the operation of the S Gate.

configurator



From:
https://wiki.hiq-universe.com/ -

Permanent link:
https://wiki.hiq-universe.com/doku.php?id=en:sg3&rev=1606474588

Last update: **2020/11/27 10:56**