CONFIGURATION MANUAL

MAIN PAGE

On this menu, the user can overview system operations.

The menus can be changed on the right side of the window.

Icon border colors meaning

There are many different border colors that change if the conditions is required (or not) and if the condition is met (or not).

Icon border color meaning		
	Grayed out	This condition is enabled, but it can't be met right now
	Yellow	This condition must be met and is waiting for the person to do it

	Orange	From now on you can enter only with L2 allowance
	Green	Everything is okay, you're clear to enter

	Red	Something is wrong, you must not enter
	Gray	This condition doesn't have to be met because it's disabled

Status overview

![×] Occupation status and limit count	It shows occupied status and remaining count to the limit of people
![×] Disinfector status	It shows if person had applied a disinfector
![×] Allowance status	It shows if person has a fever and if he wears a facemask
![×] Card reader	It shows if the use of entry card is needed and the user's level of access
![×] Confirmation status	It shows if the receptionist had left you in and the person's level of access
![×] Enter status	It shows if person should enter or exit

![×]

This is the gate status overview.

Gate status overview		
1	Door sensors	It TOF sensor detects person, the entrance arrow light (right) turns on for the people coming in, or the exit arrow light (left) turns on for the people going out
2	Semaphore status	If both red and green light are turned on, the entrance conditions must be met (card, face sensor, disinfector, …), if the green light is turned on you can enter, if the red light is turn on you can't enter. If the semaphore beeper is turned on along with a red light, the person must exit the building immediately. Beeper can be disabled on the System setup menu or it can be set that it resets when the person exits the building
3	Gate status	It shows if gates are closed or open. Smart Gate system works with all kind of gates: normal, revolving door, sliding door, …
4	Presence status	It shows if the presence sensor has been triggered
5	Thermo and mask camera status	It shows if person has a fever and if he wears a face mask. Two types of thermal scanner are supported. First one scans the face, checks if person is wearing a mask and measures the temperature. Doors are closed and if every condition is met, person can enter. Second scanner measures temperature of a person. Doors are opened and if it has a fever, the entrance is prevented. In the System setup menu allowance type can be set on permission mode for first instance, or it can be set on prevention mode, for second.
6	Disinfector status	It shows if a person applied disinfector
7	Code reader	It shows the status of access
Configuration		
Set count		Fix the count of total number of people counted in space, if it's found that the actual number is different from what the TOF sensor has counted
Confirm L1		If the condition for L1 access are met, the button will become enabled
Confirm L2		If the condition for L2 access are met, the button will become enabled
Reset alarm		Resets alarm
Gate auto/gate opened		Switches between gates opening automatically with security measures or opening manually. When they can be opened manually it usually means it's because of emergency and everyone must leave the building immediately

ACCESS SETTINGS

On this menu, the code and access status for each code can be edited.

![×]

Configuration	
Edit code	Manually input new user's code, alternatively you can scan it with the card scanner
Type	Set user level of access, which are L1 for normal users, L2 for VIPs and UL unlimited access (employees)
Code list	All the users are saved in controller. It can hold up to 100 codes. Click the code to enable editing it
Search	Checks the code list for desired code, which is inputted in the edit code section. The code number and type are then returned
Save	Saves the created edit code
Clear	Clears the edit code and type
Delete	Deletes the code from the code list

SYSTEM SETUP

When the system is connected and turned on, the technician sets these settings.

Configuration	
Limit 1	This is the limit for normal access, everyone can enter. After this limit is reached, only VIPs and employees can enter (no more L1 access)
Limit 2	This is the limit for VIP access, L2 and UL can enter. After this limit is reached, only employees can enter (UL access only)
Counting type	Choose if the counting of people is with digital IO or communication
Presence time-out	Set how long the presence sensor is active after detecting someone
Entry gate time-out	Set how long the entry doors are open after the conditions are met. If the TOF sensor detects person entering, the timer is reset
Exit gate time-out	Set how long the exit doors are open after the conditions are met. If the TOF sensor detects person exiting, the timer is rest
Alarm duration	Sets duration time of the alarm
Alarm beeper enabled	Enable or disable alarm beeper
Reset alarm on exit	Enable or disable the reset of alarm on exit
The conditions that have to be met if everything is enabled: disinfection and allowance condition must be met and then just one of other two conditions must be met, that means either reader or confirmation condition	
Disinfection	Sets if disinfection is necessary for user's level of access, sets time-out that triggers after check
Allowance	Sets if face mask and temperature check is necessary for user's level of access, sets time-out that triggers after check
Reader	Sets if scanning card on the reader is necessary for user's level of access, sets time-out that triggers after check
Confirmation	Sets if receptionist confirmation is necessary for user's level of access, sets time-out that triggers after check
Allowance type	If set on permission, door opens when user is clear to enter after ok allowance check, if set on prevention, door closes when users fails allowance check

Internet access	
Enable push to server	Enable connection to the cloud server (allow controller to send periodical push message to server) every 30 seconds
Test	Send push message instantly
Reset	Reset number of sent messages
Push timer	Shows countdown after which the push message will be sent
Messages	Number of all sent messages and number of successfully sent messages
Roundtrip	Time it takes the message to get to server and the response to come back
Master code	When the master code is scanned, red an green light will start flashing. If the master code is scanned, then normal cards are scanned and master code is scanned again, all the normal cards will be added to the code list (if they aren't already on it) and they will be granted L2 access. If master code is scanned and then scanned again, all the entries on code list will be deleted
Send LAN code query	If scanned code is not on the code list for that device, a query will be sent to other devices in the system. If it gets the response from other device, that the code is on it's list, access is granted
Process LAN code query	Enable to process code query and send back answer
LAN query timeout	Set query timeout. If the device that sent query doesn't get answer in set time, it refuses access
Autodetect	It searches for other controllers in the network and opens a menu with found controllers. If the other controller is chosen, you manage this one
Parameters configuration	
Init parameters	Set parameters to the ones saved in permanent memory
Save parameters	Save set configuration to the permanent memory
Read parameters	Read parameters from the permanent memory and write them to work parameters

DISPLAY SETTINGS

Parameters configuration for alphanumeric display	
Line 1	
Presence	Set text that will be displayed on first line when proximity detector detects someone
Advertising 01-09	Set text that will be displayed when proximity detector isn't detecting anybody
Advertising text time	Set timer at which the advertising text changes
Line 2	
Counters	Displays number of people with L1 and with L2 access in the building
Line 3	
Enter	Set the text that will be displayed when person is allowed to enter

Disinfect	Set the text that will be displayed when person has to disinfect hands
Camera	Set the text that will be displayed when person has to look at the camera
Confirm	Set the text that will be displayed when waiting for confirmation to enter
Code	Set the text that will be displayed when person has to scan the code
Occupied	Set the text that will be displayed as long as the limit of people inside is reached
Fever	Set the text that will be displayed if fever is detected
Exit	Set the text that will be displayed if the person has to exit the building

Parameters configuration for graphic display

Caption

Full	Set text that will be displayed if the place is full
Level 2	Set text that will be displayed when the limit of people for L1 access is reached and only people with L2 access are allowed to enter
Level 1	Set text that will be displayed if no limit of people is reached
Alarm	Set text that will be displayed if alarm is triggered
Warning	Set text that will be displayed if warning is triggered

Text

Enter	Set the text that will be displayed when person is allowed to enter
Disinfect	Set the text that will be displayed when person has to disinfect hands
Camera	Set the text that will be displayed when person has to look at the camera
Confirm	Set the text that will be displayed when waiting for confirmation to enter
Code	Set the text that will be displayed when person has to scan the code
Occupied	Set the text that will be displayed as long as the limit of people inside is reached
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Exit	Set the text that will be displayed if the person has to exit the building