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# **CONFIGURATION MANUAL**

### **MAIN PAGE**

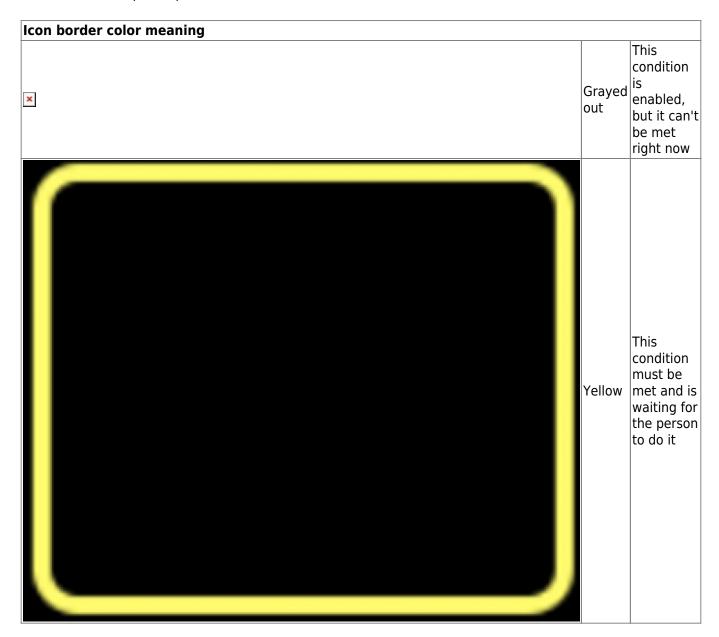
On this menu, the user can overview system operations.

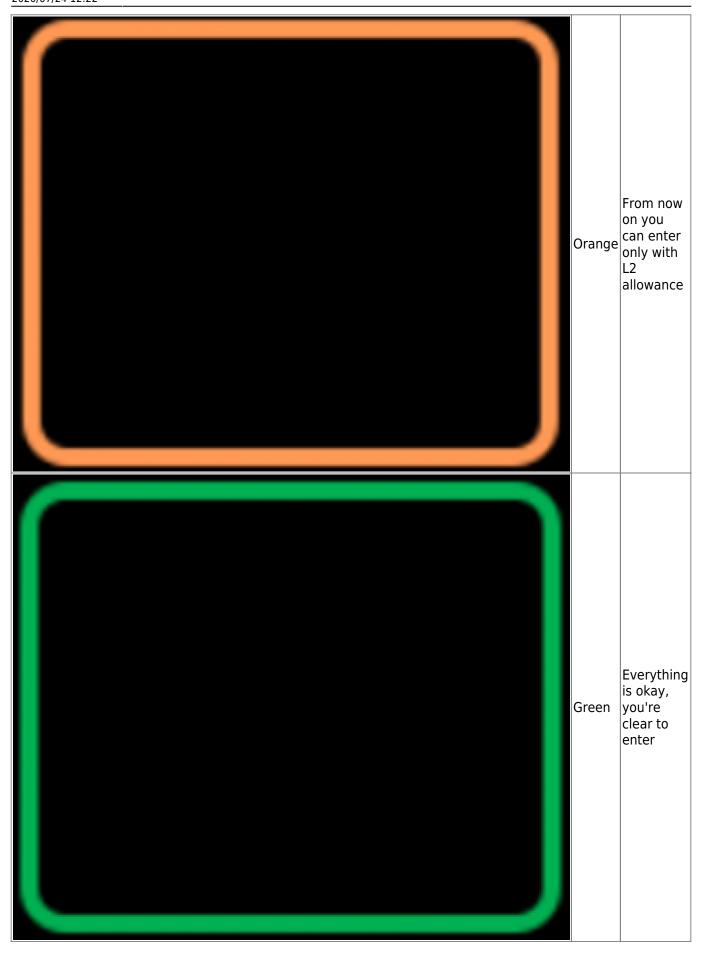


The menus can be changed on the right side of the window.

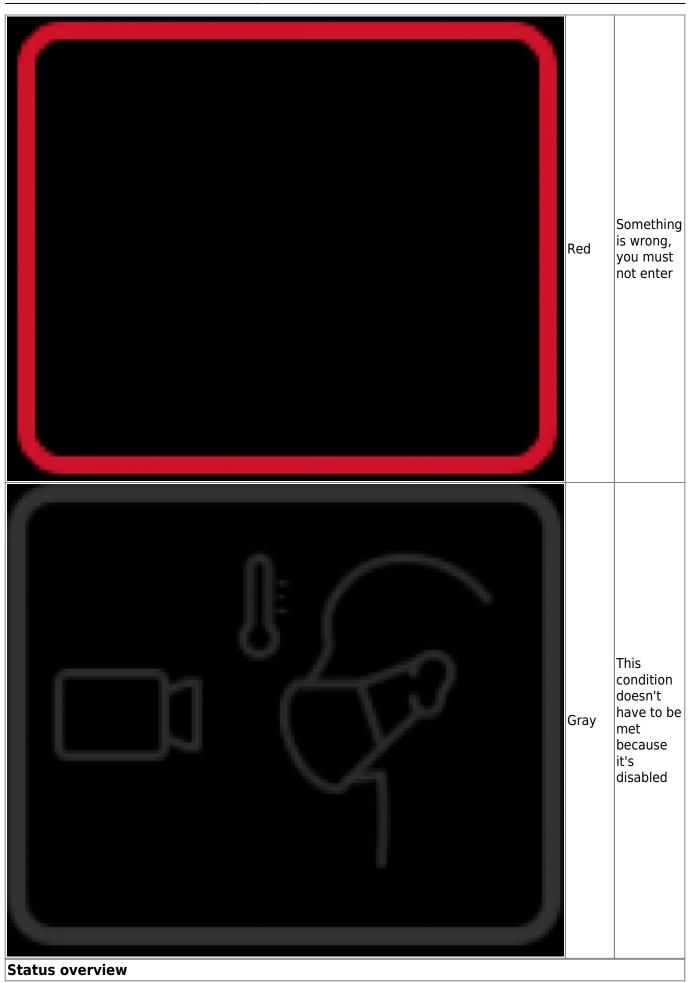
#### Icon border colors meaning

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





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×		It shows occupied status and remaining count to the limit of people
		It shows if person had applied a disinfector
×	Allowance status	It shows if person has a fever and if he wears a facemask
×	icaro reager	It shows if the use of entry card is needed and the user's level of access
×	ICONTIFMATION 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 overv	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				
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					
	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	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.



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Configuration				
Edit code	Manually input new user's code, alternatively you can scan it with the card scanner			
Туре	Set user level of access, which are L1 for normal users, L2 for VIPs and UL unlimited access (employees)			
IL DUD IICE	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			

<sup>-</sup> http://wiki.hiq-universe.com/

Internet access				
Enable push to	Enable connection to the cloud server (allow controller to send			
server	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			

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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 tha	at 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		at will be displayed if no limit of people is reached		
Alarm	Set text tha	Set text that will be displayed if alarm is triggered		
Warning	Set text that will be displayed if warning is triggered			
Text				
Enter	nter 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	mera 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 reached	that will be displayed as long as the limit of people inside is		
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		

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