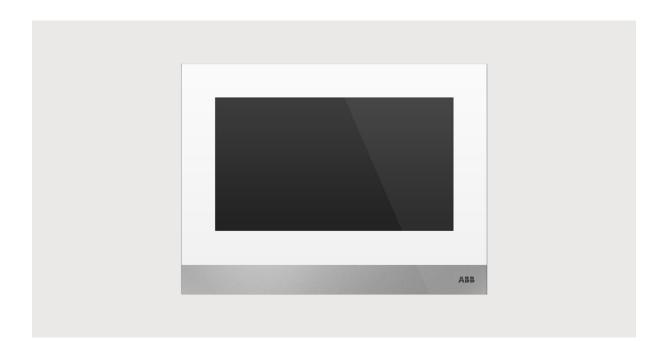


2TMD041900D0001 | 25.07.2019

Product manual ABB-Welcome IP

H82364-. IPTouch 7, basic H82364-.-02 IPTouch 7, basic



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1 Notes on the instruction manual

Please read through this manual carefully and observe the information it contains. This will assist you in preventing injuries and damage to property, and ensure both reliable operation and a long service life for the device.

Please keep this manual in a safe place. If you pass the device on, also pass on this manual along with it. ABB accepts no liability for any failure to observe the instructions in this manual.

2 Safety



Warning Electric voltage!

Dangerous currents flow through the body when coming into direct or indirect contact with live components.

This can result in electric shock, burns or even death.

- Disconnect the mains power supply prior to installation and/or disassembly!
- Permit work on the 100-240 V supply system to be performed only by specialist staff!

3 Intended use

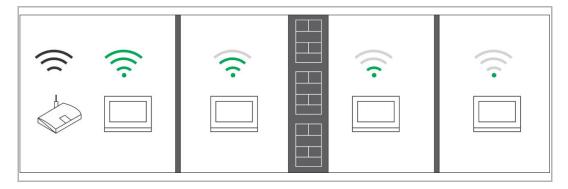
This device is a central control panel of the ABB-Welcome IP system and operates exclusively with components from this system. The device must only be installed in dry indoor rooms.

Product range

This product manual applies to the following products:

Article no.	Description
H82364/H8236402	IP touch 7, basic, LAN+WIFI

WIFI installation



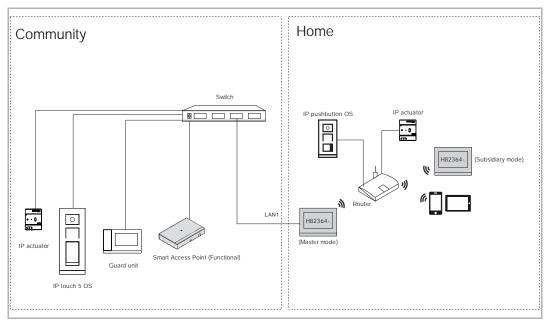


Note

If the device support WIFI function, please make sure the device has good WIFI signal reception before installation. The distance between the router and monitors, and the construction materials used in the walls are factors that can affect signal quality.

The WIFI signal is not strong enough to guarantee correct operation. A WIFI repeater must be installed between the router and this device in order to boost the WIFI signal received by this device.

Application case



Note

Ο

H82364-. can be set to master mode and subsidiary mode. Only one indoor station can be set to master mode in the same apartment, however.

User password

The system default is 123456. It can be used to set the following functions:

- Card management
- Reset user setting
- APP setting

On the "System settings", "Change password" screen, click "Change user password" to change the user password.

System Settings					41) 141
System settings					
Date and time Monitor settings	Change user password	Change u	nlock p	assword	
APP settings					
Contacts					
Change password					
Engineering settings					
Su 22/07/18 00:31 🛛 🗣 🖵 1 🕤			Ø	Q	۵



Password rule

This password must not include continuously increasing or decreasing numbers (e.g. 123456, 654321). Three consecutive identical numbers are similarly not permitted (e.g. 123444, 666888).

Engineering password

This password is used to make engineering settings. The system default is 345678.

On the "Engineering settings", "Password management" screen, click "Engineering password" to change the password.

🔶 Engineering setting	js
Engineering settings	
Local settings	Engineering password
Outdoor station settings	
IP actuator settings	Reset user pwd.
Password management	Reset unlock pwd.
Mo 03/12/18 01:26 🛛 🕫 🖵 1 🕤	



Password rule

The user must change the engineering password when accessing the engineering settings for the first time. This engineering password must not include continuously increasing or decreasing numbers (e.g. 123456, 654321). Three consecutive identical numbers are similarly not permitted (e.g. 123444, 666888).

(С)
_		L

Forgotten engineering password

Please contact the technical support engineers if you forget the engineering password.



Wrong password

If the wrong password is entered 10 times within 5 minutes, it is not possible to enter the password again for 5 minutes.

Unlock password

This password is used to release the lock of the outdoor station by entering the password.

On the "System settings", "Change password" screen, click "Change unlock password", and enter the new password twice to change the password (3...8 digits).

System Settings					ني.
System settings		_		_	
Date and time	Change user password	Change u	nlock p	assword	d
Monitor settings	i				
APP settings					
Contacts					
Change password					
Engineering settings					
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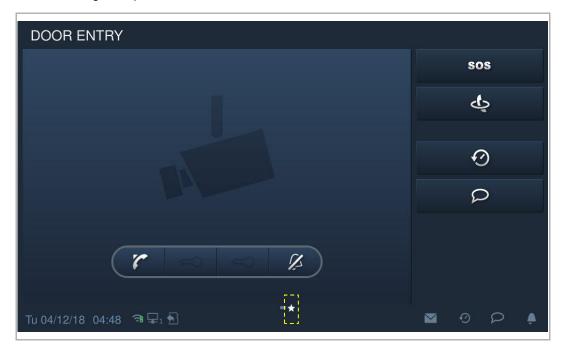


Password rule

This password must not include continuously increasing or decreasing numbers (e.g. 123456, 654321). Three consecutive identical numbers are similarly not permitted (e.g. 123444, 666888).

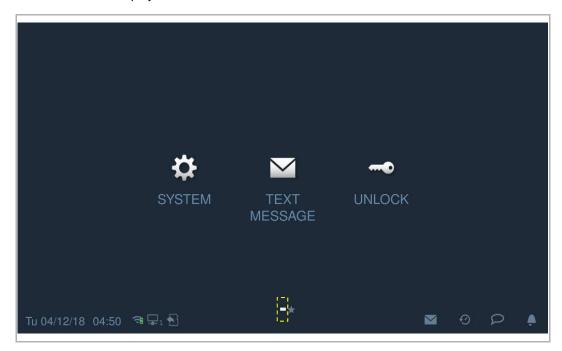
Home screen

The Home screen displays a " \star " at the bottom. The system default home screen is "DES" screen. The Home screen can be set on the "Engineering setting" screen. Please see the "Device settings" chapter for more details.



Extra screen

The Extra screen displays "-" at the bottom.



Micro SD card



SD card

The indoor station supports the following SD card type:

- Type: Micro SDHC
- Capacity: 4...32 G
- Speed: Class10
- File system: FAT32
- Please use a SD card complying with SDHC standard, some SD cards may not perform correctly. It is recommended to use SanDisk, Kingston, Transcend SDHC cards, which are fully tested and verified.
- Do not remove SD card or reboot indoor station while recording or copying images onto the SD card, otherwise this SD card may fail to preform when recording or playing images.
- ABB is no responsible for the performance of an SDHC card.

IP-Cam



Note

The indoor station supports IP-Cam with onvif protocol (Profile S).

Ringtone



Note

The ringtone supports .mp3 and .wav format, with a maximum size of 32 M.

4 Environment



Consider the protection of the environment!

Used electric and electronic devices must not be disposed of with household waste.

The device contains valuable raw materials that can be recycled. Therefore, dispose of the device at the appropriate collecting facility.

4.1 ABB devices

All packaging materials and devices from ABB bear the markings and test seals for proper disposal. Always dispose of the packing materials and electric devices and their components via an authorized collection facility or disposal company.

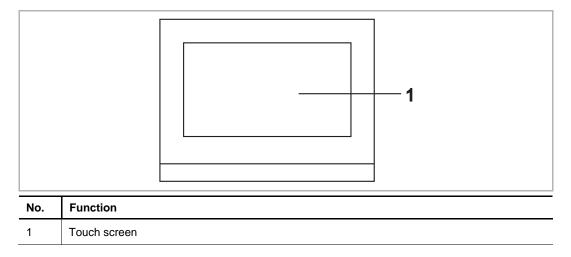
ABB products meet the legal requirements, in particular the laws governing electronic and electrical devices and the REACH ordinance.

(EU-Directive 2012/19/EU WEEE and 2011/65/EU RoHS)

(EU-REACH ordinance and law for the implementation of the ordinance (EG) No.1907/2006)

5 Product description

5.1 Control elements



5.2 Terminal description

	$\begin{bmatrix} & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ $
No.	Function
1	Doorbell connector
2	LAN1 (PoE)
3	Micro USB Upgrade connector
4	Microphone
5	Dismantling switch
6	Micro SD card connector
7	Speaker

6 Technical data

Designation	Value
Display size	7"
Resolution	1024 x 600 px
Product dimensions	198.5 mm × 149.8 mm × 17 mm
Operating temperature	-10 °C +55 °C
PoE standard	IEEE802.3 af
Vireless transmission band	802.11 b/g/n: 24122462MHz (for United States) 24122472MHz (for European countries) 802.11a/n: 51505250MHz 52505350MHz 54705725MHz 57255850MHz (for United States)
Vireless transmission power	Max. 20 dBm@12 Mbps OFDM 2.4 G Max. 20 dBm@12 Mbps OFDM 5.8 G
Vireless transmission standard	IEEE 802.11 a/b/g/n

7 Mounting/Installation



Warning Electric voltage!

Dangerous currents flow through the body when coming into direct or indirect contact with live components.

This can result in electric shock, burns or even death.

- Disconnect the mains power supply prior to installation and/or disassembly!
- Permit work on the 100-240 V supply system to be performed only by specialist staff!

7.1 Requirement for the electrician



Warning

Electric voltage!

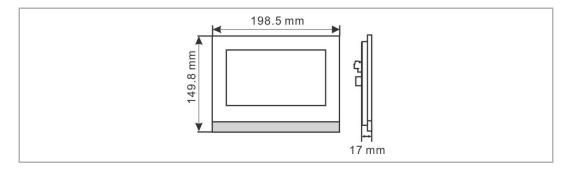
Install the device only if you have the necessary electrical engineering knowledge and experience.

- Incorrect installation endangers your life and that of the user of the electrical system.
- Incorrect installation can cause serious damage to property, e.g. due to fire.

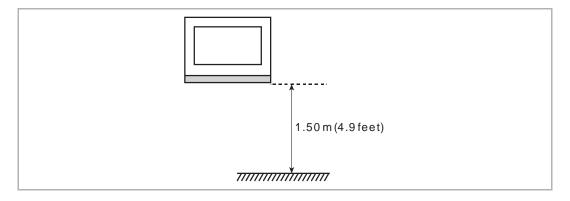
The minimum necessary expert knowledge and requirements for the installation are as follows:

- Apply the "five safety rules" (DIN VDE 0105, EN 50110):
 - 1. Disconnect
 - 2. Secure against being re-connected
 - 3. Ensure there is no voltage
 - 4. Connect to earth and short-circuit
 - 5. Cover or barricade adjacent live parts.
- Use suitable personal protective clothing.
- Use only suitable tools and measuring devices.
- Check the type of supply network (TN system, IT system, TT system) to secure the following power supply conditions (classic connection to ground, protective grounding, necessary additional measures, etc.).

7.2 Product dimensions



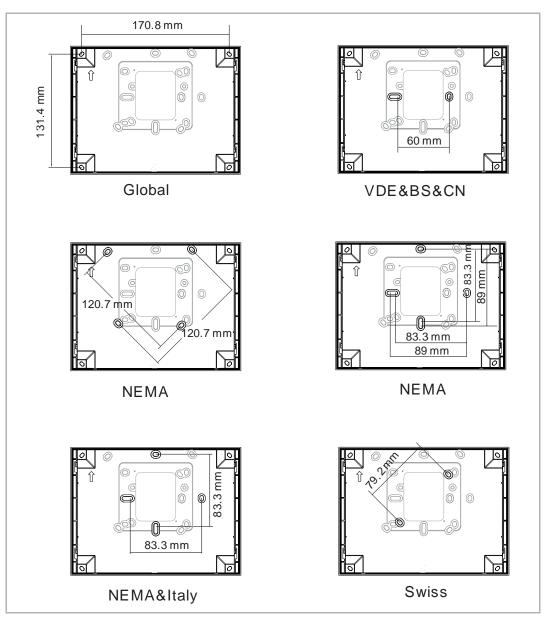
7.3 Installation height



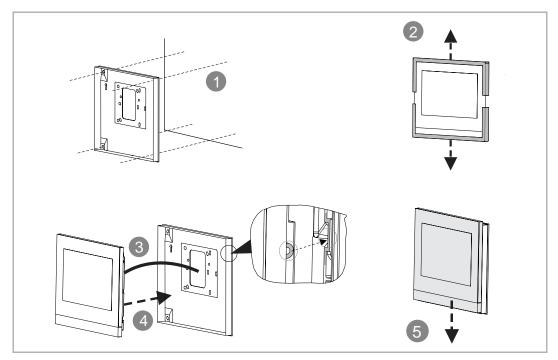
7.4 Surface-mounted installation

This installation method is only suitable for H82361-., H32364-. and H82366-., and is not suitable for H82365-.

Surface-mounted box

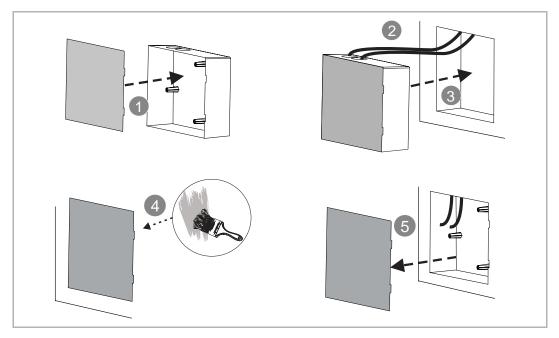


Installation

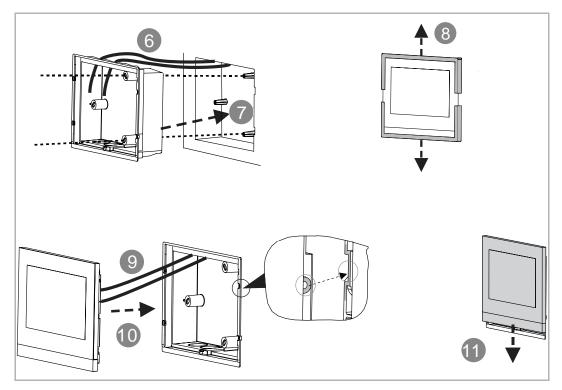


7.5 Flush-mounted installation

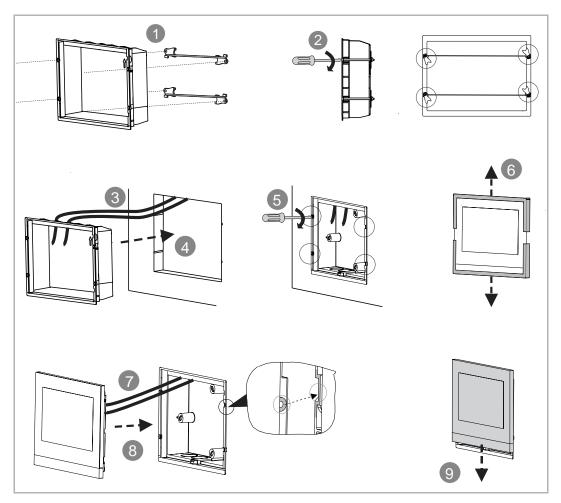
Pre-installation box



Installation

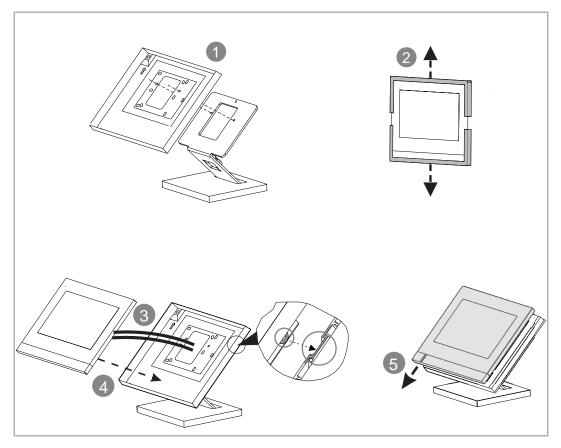


7.6 Cavity wall installation

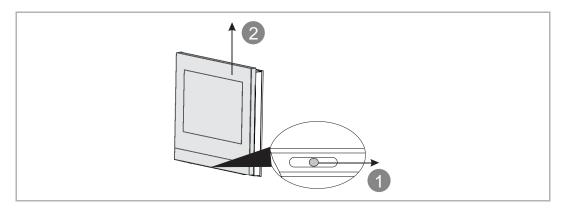


7.7 Desktop installation

This instalation is only fit for H82361-., H32364-. and H82366-., not fit for H82365-.



7.8 Dismantling



8 Commissioning

8.1 Initial setup

This indoor station enters initial setup automatically when powered on the first time or "Clear all data" is carried out on the "Engineering settings" screen. Please see the "Clear all data" chapter for more details.

1. Select system language

INSTALLATION		
	Please select system language	
	English	✓
	简体中文	
	Deutsch	
	Español	
	Français	
	Start	

2. Accept licensing terms

INSTALLATION	I				
	ABB End User License Agreement ("EULA")				
	IMPORTANT: PLEASE READ THE TERMS AND CONDITIONS OF THIS LICENSE AGREEMENT CAREFULLY BEFORE CONTINUING WITH THIS PROGRAM INSTALL				
	This End-User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and ABB GENWAY XIAMEN ELECTRICAL EQUIPMENT CO., LTD or its affiliates (the "Company") for the "SOFTWARE PRODUCT". SOFTWARE PRODUCT means the machine readable (object code) version of the				
	I accept the terms "Licensir	ng Terms"			
	<	>			
INSTALLATION	I				
	Licensing Terms ABB-Welcome				
	License Agreement for Softwar	re for Use on Phone			
	0. Definitions, Delivery of the S	oftware			
	This license agreement shall be concluded between ABB Information Systems AG, Switzerland (hereinafter referred to as "Licensor") and the licensee, for example, by means of a download of the application (which may contain parts of OSS components) ("Software") of the the Licensor from APP Market or upon any other acknowledgment of the Licensing Terms				
	I accept the terms "Licensir	✓ I accept the terms "Licensing Terms"			
	<	>			

3. Select country

INSTALLATION	l.		
	Statement:		
	Please correctly choose the country where the product is used. We do not take any responsibility for any consequence, damage and risk whatsoever arising out of or caused by improper selection of the country where the product is used, including but not limited to impact on use of this product or use of other products or facilities, incompliance with local regulations or policies, and any other direct or indirect losses or claims.		
6	Current location (C):		
	China 🗸 🗸		
	<	>	

4. Set date and time

INSTALLATION						
	Please select date and time					
	Time			Date		
	16	56		22	05	2016
		57		23	06	2017
	18 :	58		24	07	2018
	19	59		25	08	2019
	20	00		26	09	2020
	Time Format			Date Forma		
	24 hours	~		DD/MM/	YYYY	~
		<			>	•
	N					

5. Set WIFI (H82364-. only)

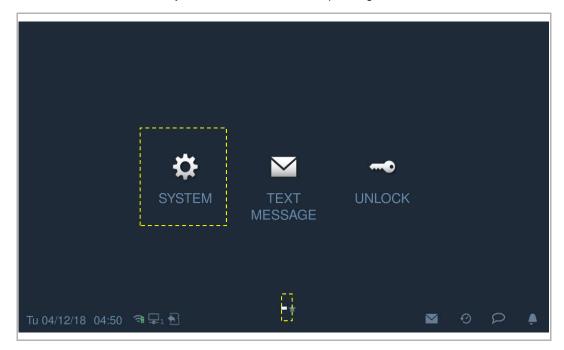
Please see the "Network settings" chapter for more details.

Please select your network	
Available SSID list	
TP-LINK_fraya ✓ 🗢	
TP-LINK_5G_DDF2	
360WiFi-Testing-5G 🔒 奈	
Diana-5g 🔒 🔶	
TP-LINK 5G 4D59 s	

8.2 System settings

8.2.1 Enter system setting

On the extra screen, click "System" to access the corresponding screen.



8.2.2 Sound

System Settings		
System settings		
Sound	Sound	
Language	1 Touch tone	on
Network settings	Ringtone settings	
Door Entry System	2	
Diaplay	Ringtone of outdoor station	Ringtone of guard unit
Display	Ringtone 1 🗸 🗸	Ringtone 2 🛛 🗸
Network settings	3 Customized ringtone 1	
Door Entry System		Add Delete
Display	Customized ringtone 2	
Date and time		Add Delete
Door Entry System	4 Volume settings	
Display	↓ »	0
Date and time	5 Repeated tone	on
Monitor settings	·	······
Fr 10/08/18 03:09 🔎 🖵 🖣]	

On the "System settings" screen, click "Sound" to enter the sound settings.

No.	Function
1	Touch tone setting
2	Ringtone setting Click the drop-down list to select the ringtones for outdoor station, indoor stations, guard unit
3	and doorbell (built-in 4 ringtones). Customized ringtone
4	A maximum of 3 customised ringtones can be added from an SD card. Volume settings Adjust the values of the singtone
5	Adjust the volume of the ringtone. Repeated tone setting ON = repeated ringtone within 30 s, OFF = rings only once

8.2.3 Language

System Settings	
System settings	
Sound	
Language	English
Network settings	简体中文
Door Entry System	Deutsch
Display	Español
Date and time	Français
Monitor settings	Italiana
Su 22/07/18 00:01 🛛 🖷 🗐	

On the "System settings" screen, click "Language" and select the system language.

8.2.4 Network settings

WIFI settings (H82364-. only)

1. Connect WIFI

Please ensure the "SSID broadcast" function is used on the router.

On the "System settings" screen, click "Network settings" - "WIFI settings".

The indoor station will obtain an SSID list automatically. Select a WIFI name from the SSID list and enter the password to connect to that WIFI network.

System Settings	
System settings	
Sound	WIFI settings
Language	
Network settings	Network settings
	- Obtain IR addraga automatically

Go back to the "Network settings" screen, and the WIFI name will appear if successful.

System Settings	
System settings	
Sound	WIFI settings
Language	······
Network settings	ି WIFI: TP-LINK_fraya

2. Disconnect WIFI

Select the designated WIFI name from the SSID list, click "Ignore" or "Disconnect" to disconnect the WIFI.

Ignore: password needed to reconnect this WIFI.

Disconnect: no password needed to reconnect this WIFI.

TP-LINK_traya				X Ŷ
TP-LINK 5G DD	Disconnect			
	WLAN name	TP-LINK_fraya		
	×	Ignore	Disconnect	

Go back to the "Network settings" screen, the WIFI name will disappear if successful.

System Settings	3
System settings	
Sound	WIFI settings
Language	
Network settings	Network settings
	V. Obtain IP address automatically

IP address setting

The indoor station uses DHCP to obtain an IP address from the router by default. It is also possible to set the IP address by unticking the checkbox (example below).

System Settings					
System settings					
Sound	Network settings				
Language	Obtain IP address automatica	ally			
Network settings	IP address	Subnet mask			
Door Entry System	192 . 168 . 33 . 100	255 . 255 . 255 . 0			
Display	Default gateway	DNS			
Diopiay	192 . 168 . 33 . 1	192 . 168 . 0 . 5			
Date and time					
Monitor settings		OK			
Su 22/07/18 03:01 🗢 🕤					

8.2.5 Automatic snapshot

On the "System settings" screen, click "Door Entry System" and tick the "Automatic snapshots" checkbox to enable the function.

The indoor station will take 3 snapshots automatically during an incoming call.

System Settings	
System settings	
Sound	✓ Automatic snapshots
Language	Absence message
Network settings	Address of default unlock
Door Entry System	
Display	Program button setting
Date and time	Open auxiliary lock 🗸
Monitor settings Su 22/07/18 01:14 • 🖵	

8.2.6 Address of default lock

On the "System settings" screen, click "Door Entry System", "Address of default unlock", and select the lock type (e.g. door lock) followed by the device. (e.g. OS-02). Click "OK" to save the setting.

🔶 System Setti	ngs							
System settings								
Sound	V A	utomatic sna	ıpshots					
Language	A	bsence mes	sage					
Network settings	Addı	ess of defau	lt unlock]				
Door Entry System								
Display	Prog	ram button s	etting					
Date and time	Or	oen auxiliary	y lock 🗸					
Monitor settings Su 22/07/18 01:14 •	₽ 1 €			1		Ð	Q	
🔶 System Setti	ngs			1				
				1 1 1				
Language	ress of default u	inlock		4				
Network setting	k type	Door lock			~			
Door Entry Sys	ect lock	OS-02			~			
	×		C	ж				

There will be 2 icons (see below picture) activated on the "Door entry" screen.

Click the first icon to release the default lock of the outdoor station.

Click the second icon to release the auxiliary lock of the outdoor station by default. The other function can also be set. Please see the "Program button settings" chapter for more details.



8.2.7 Program button setting

On the "System settings" screen, click "Door Entry System". "Program button setting",

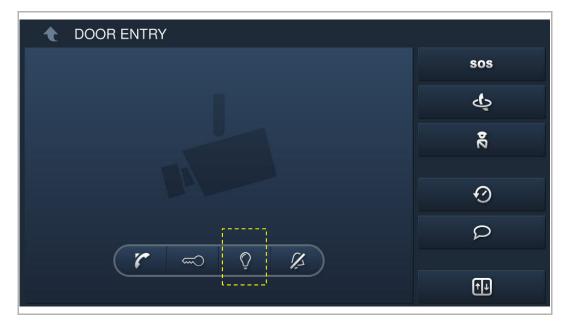
The program button is set to "Open auxiliary lock" by default. The "Program button" function will be disabled if "Invalid" is set.

System Settings				
System settings				
Sound	Absence message			
Language	Address of default unlock			
Network settings	GS-01			
Door Entry System	Program button setting			
Display	Open auxiliary lock 🗸			
Date and time	Card management			
Monitor settings Su 22/07/18 01:51 🛛 🖷 🖵 🕯	3	Ø	Q	۵

The program button can be set to "Turn on the light", and you need to select IP actuator type and enter the device no.

System Settings				
System settings Sound	GS-01			
Language	Program button setting			
Network settings	Turn on the light 🗸 🗸			
Door Entry System	Light address type	Device no.		
Display	Network IP Actuator 🗸	01		
Date and time	L			'
Monitor settings	Card management			
Su 22/07/18 01:48 🛛 🖷 🖵 🕤	1		0 F	

On the "Door entry" screen, a light icon will be displayed. Click this icon to turn on IP actuator light.



8.2.8 Card management

This indoor station can manage IC cards for IP pushbutton outdoor station.

(С)	

Note

It is recommended that IC cards are created and maintained using local outdoor stations or management software only.

On the "System settings" screen, click "Door Entry System", "Card management", and enter the user password (the system default is 123456) to access the corresponding screen.

System Settings							
System settings							
Sound	Absenc	e messaç					
Language	Address of	default u	inlock				
Network settings		GS-01					
Door Entry System	Program b	utton sett	ing				
Display	Open at	uxiliary Ic	ock 🗸				
Date and time	Card r	nanager	nent	 			
Monitor settings Su 22/07/18 01:51 🔎 🖵 🕴	B			'	Ø	Q	
							1998
🔶 System Settings							
		ser passw	vord!				
System Settings	Input us	ser passw	vord!				
System Settings System settings	Input us						
System Settings System settings Sound	Input us	****	Ø				
System Settings System settings Sound Language	Input us *	**** 2	3	Dévice no.			
System Settings System settings Sound Language Network settings	Input us *	***** 2 5	36	Device no: (0.1			
System Settings System settings Sound Language Network settings Door Entry System	Input us *	***** 2 5 8	36	Dievice no Ot			

Card register

1. Enter registering mode

On the "Card management" screen, click "Card register", select the device and then click "Card register".

The pushbutton module on the outdoor station will flash orange as a prompt to swipe an IC card.

🔶 Syste	m Settings				
System settin					
Sound					
Language	Card register			-	ete
Network set	Device select	2nd OS-01		~	
Door Entry S	×		Card register		
Display					
Date and tim					
Manitar setti					
M6/28/07/18 0(152 R.F. 8				

2. Exit registration mode

Press the first button on the outdoor station to exit registration mode.

If an IC card has been registered, the outdoor station will exit registration mode automatically if no operations are carried out within 15 s.

If no IC card has been registered, the outdoor station will exit registration mode automatically if no operations are carried out within 300 s.

Card delete

1. Entering delete mode

On the "Card management" screen, click "Card delete", select the device and then click "Card delete".

The pushbutton module on the outdoor station will flash orange as a prompt to swipe an IC card.

🔹 🔶 Syste	m Settings					
System setti						
Sound						
Language	Card delete	_		-	ete	
Network set	Device select	2nd OS-01		~		
Door Entry S	×		Card delete			
Display						
Date and tim						
Manitor setti SU 22/07/18 -00			<u></u>	-0	Ø	

2. Exiting delete mode

Press the first button on the outdoor station to exit delete mode.

If an IC card has been deleted, the outdoor station will exit delete mode automatically if no operations are carried out within 15 s.

If no IC card has been deleted, the outdoor station will exit delete mode automatically if no operations are carried out within 300 s.

Card clear

On the "Card management" screen, click "Card clear", select the device and click "Card clear".

🔶 Syste	em Settings					
System setti						
Sound						
Language	Card clear		_	-	ete	
Network set	Device select	2nd OS-01		~		
Door Entry S	×		Card clear			
Display						
Date and tim						
Manitar setti						
SU 22/07/18 10	1613) 🗩 😑 🕙			9	0	-

Card sync

On the "Card management" screen, click "Card sync", select a source device and a target device, then click "Card sync".

🔶 Syste	m Settings						
System setti							
Sound							
Language	Card sync					oto	
Network set	Device select	2nd OS-0	1		~	eie	
Door Entry S	Target device select	2nd OS-02	2		~		
Display	×		С	ard sync			
Date and tim							
Manitar setti							
SU 22/07/18 100) 0	

8.2.9 Display

System Settings	
System settings	
Sound	Clean screen 1
Language	
Network settings	Display <mark>2</mark>
Door Entry System	Brightness
Display	0
Date and time	Screensaver 3
Sound	Start after
Language	30 seconds 🗸
Network settings	End time
Door Entry System	3 minutes V
Display	Screensaver type
Date and time	Digital clock 🗸
Monitor settings	✓ Auto full screen 4
No. Eurotion	

On the "System settings" screen, click "Display" to access the corresponding screen.

No.	Function			
1	Clean screen			
I	Please see the "Clean screen" chapter for more details.			
2	Brightness			
	Screensaver			
3	 "Digital clock": displays the current time at a random position on the screen. 			
3	 "Built-in picture": displays 3 built-in pictures. 			
	 "External picture": displays pictures stored on the SD card. 			
4	Auto full screen (default)			

8.2.10 Date and time

System Settings	
System settings	
Sound	Sync with managem Sync from NTP 1
Language	2 Time Date
Network settings	23 48 21 05 2016 00 49 22 06 2017
Door Entry System	01 : 50 23 07 2018
Display	02 51 24 08 2019 03 52 25 09 2020
Date and time	L
Network settings	Select time zone
Door Entry System	(UTC+08:00) Beijing,Cho… ✔ 3
Display	Time Format Date Format
Date and time	24 hours V DD/MM/YYYY V
_Monitor settings Mo 03/12/18 00:33 → 🖵 1 🕤	

On the "System settings" screen, click "Date and time" to access the corresponding screen.

No.	Function
1	Sync time type Tick the checkbox to sync date and time from the management software or from NTP automatically.
2	Time and date setting
3	Set time zone If you don't sync date and time from management software or from NTP. You need to set time zone before use.

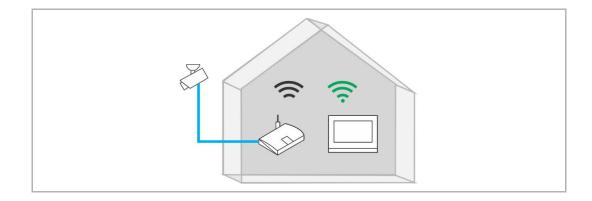
8.2.11 Monitor settings

1. Home monitor

The indoor station and the camera must be on the same network.



Note Video streaming between the indoor station and the 3rd party camera is unencrypted.



On the "System settings" screen, click "Monitor settings", "Home monitor", then click rotaccess the corresponding screen.

System Settings				
System settings				
Network settings	Home monitor	Community	monitor	
Door Entry System				
Display				
Date and time				
Monitor settings				
APP settings				
Su 22/07/18 00:48 🔹 🖵 🗧	3		P	۲

Click to search the IP-Cams and create a camera list automatically. Select a camera from the camera list and click . Enter the name, user account and password, then click "OK".

System Settings H	ome monito	r						
Home monitor	_			_				~
		Delete	All 💼					
Name		Add	ress	Status				
General		192.168	3.33.100	0		Ū		
>	٢				÷.			
Su 22/07/18 00:26 🤿	" 1		4.4			Ø	Q	۵
System Settings H	ome monito	r						
Home monitor								✓
	Please enter	account a	nd password	d				
Name		Gei	neral					
General	User accoun	t adr	nin			Ū		
	Password	**:	***					
	×		(ОК				
>	,				Ð			
	`				~			

On the "Home monitor" screen, tick "Enable" to enable the function.

With this setting, the register IP-Cam can be selected from the drop-down list on the "Door entry" screen.

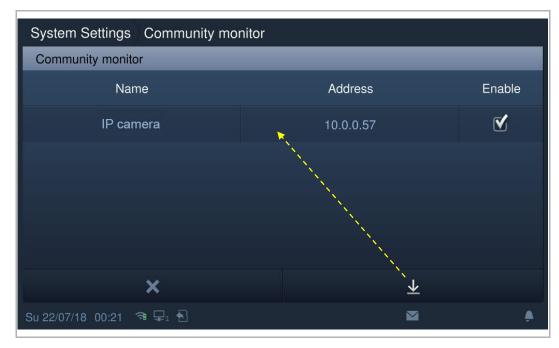
	s Home monitor				
Home monitor					¥
Name	Address	Status	Linked with doo	or En	able
General	192.168.33.100	✓	V		V
-					
		×			
Su 22/07/18 00:27	a 🖵 🖣				P 🖡
2nd OS-01					
				🔶 n	ec
				2nd OS-01	^
				2nd O\$-01	
				General	
	∧ ≂>				
Su 22/07/18 00:27	त्र ⊑ 1 €			0	P 🎍

2. Community monitor

On the "System settings" screen, click "Monitor settings", "Community monitor" to access the corresponding screen.

System Settings			-22
System settings			
Network settings	Home monitor	Community monitor	
Door Entry System			
Display			
Date and time			
Monitor settings			
APP settings			
Su 22/07/18 00:48 🏾 单 🖵 🕤		₽ P	۵

Click to download the camera list from the management software.



8.2.12 APP settings

1. Registering an account on the MyBuildings portal

Access the link: <u>https://mybuildings.abb.com</u>, and click "Register". Fill in the form as required to register an account. Then activate the user account when you receive the email sent from the MyBuilding portal.

ABB Home + Offerings + Smar	er Building + MyBuildings portal + Login	۵ ۵
	Welcome to MyBuildings portal powered by ABB Ability TM	
	Login	
	Username	
	Username	and the second se
	Password	
. 200	Password	
	Login	
	Register Sign-in help?	
Contact Imprint Terms of use Privacy prov	isions	

2. Logging into the MyBuildings portal on the indoor station

System Settings				
System settings				
Network settings	Mybuildings account fraya2	Alias Jacky		
Door Entry System	Ilayaz	Jacky		
Display	Mybuildings password			
Date and time	****			
Monitor settings	Log in			
APP settings				
Su 22/07/18 00:53 🛛 😐 🖵 1 🕤			a	۵

3. Downloading and installing the APP

Download the APP from Google Play or the APP Store via the keyword "ABB Welcome". Then install the relevant APP on mobile or tablet.

୍ଦ abb welcom	е	8 I	又消
	me App iss another door cal ☆ 4	II! GET	
I SARE I DASI DASI Log in Construction Parase anter actionate Parase anter actionate Parase anter actionate Parase action actions Construction Log in Construction Log in Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Constructi	Velcome lvan!	Off-hair home 118 Off-hair home Off-hair home Off-hair home Off-hair home	* #5 *

On the mobile/tablet, click in to open the APP.

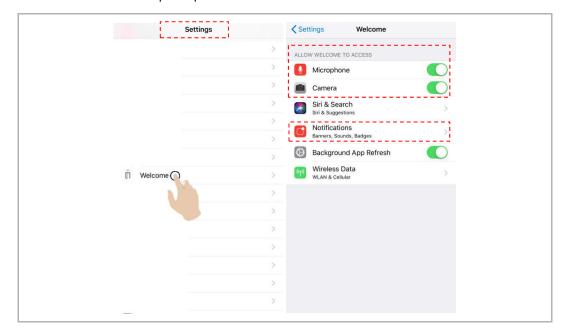


Note

It is recommended to accept the permissions of the microphone, camera and notification for further use.

If you do not grant the permissions, you will be able to add them later on.

For example, click "0" to access the settings screen on the mobile, swipe the screen down and then click $\overline{\Pi}$ to accept the permissions.



4. Logging into the app

On the mobile phone/tablet, click it to open the app, enter the user name, password and alias, tick the checkboxes to accept all the terms and conditions, then click "Log in".





Note

If an incorrect password is entered more than 3 times, no further attempts are permitted within certain period of time.

5. Pairing the devices

On the APP "Home" screen, tap "v", followed by "Pair devices", "IP gateway".

Home	^	Home		<	Device management	
	Network			IP Gateway	0	>
v structure "Jacky" #9 ipnone!	Pair Devices	<u></u>	>			
<u> </u>	Account		fraya2			
	General					
^	SOS					
	Call Guard Unit					
"jackhone's Home	Setting		>			
	Configuration mode		>			
	Firmware upgrade		>			
	About		>			
Events A	Log out					
🔺 💀 🍁 🖣						

Then tap \checkmark to call up the device list, and select the alias, click "OK" to send a pairing request to the indoor station. Please write down the token ID (e.g. 1849C4BC in this case).

IP Gateway
jacky Unpaired 816f70fb-a029-4828-b904-1383bd45c0c1
Send pairing request

System Settings				
System settings				
Network settings	APP management			
Door Entry System				
Display	1 "jack	y" iPhone l	Jnpaired	Ū
Date and time				
Monitor settings				
APP settings				
₩e 07/11/18 10:48 अ	<u>8</u>	Ē	₩ 0	P 🌢
🔶 System Settings				
Authority settings			_	
Device name	Status			
"jacky"#9 iPhone				
Monitor	🗹 Unlock	V	Turn on the ligh	ıt
✓ Browse history records	s 🗹 Delete call reco	rds 🗹	Communicatior	ı
×			Pair	
- 18-3-3- Wa-07/11/18/10:50 (% ⊑.)		ĥ		p j

On the "System settings", "APP settings" screen of the indoor station, click "Unpaired", select the relevant functions in the pop-up window, and click "Pair".

Authority/settings		
Input pair code!	·	
	1849C4BC	•
Q W E	R T Y U I O P	
A S D	FGHJKL.	
🔶 z 🗴	C V B N M - 12#	
×	ОК	
· · · · · · · · · · · · · · · · · · ·		
System Settings		74
System settings		
Network settings	Log in Log out	
Door Entry System	APP management	
Display	1 "jacky"的 iPhone Paired	
Date and time		
Monitor settings		
APP settings		
₩e 07/11/18 10:50 अ 🗐	£ 6 ⊠ 0	

Enter the token ID and click "OK". The indoor station will display "Paired" if successful.

r

6. Portal Sync

If you have purchased a remote service, you can click "Portal sync" on the "APP settings" screen to enable the remote service immediately.

System Settings		
System settings		
Monitor settings		
APP settings		
Contacts		
Change password		
Engineering settings	License	
Reset settings		
About		Portal Sync
Th 25/07/19 13:37 🖉 🖵 1 🕞	2 🔁	

8.2.13 Contacts

On the "System settings" screen, click "Contacts" to access the corresponding screen. Click "Contacts" to manage the contacts.

System Settings	
System settings	
Door Entry System	Contacts Indoor extension settings
Display	- L
Date and time	
Monitor settings	
APP settings	
Contacts	
Change personal	

Click "Add manually", enter a name and room number, then click "OK" to save the setting. A maximum of 64 contacts can be added.

System Settings Contacts	
Contacts	
Add manually	Delete All
Intercom contacts	Physical address
Jacky	001-0102
	×

8.2.14 Reset user settings

On the "System settings" - "Reset settings" screen.

Click "Reset user settings", enter the user password (the system default is 123456) and click "OK" to reset the user settings.

System Settings				
System settings Monitor settings	· · · · · · · · · · · · · · · · · · ·			
APP settings	Reset user settings			
Contacts	Reset engineering pwd.			
Change password				
Engineering settings				
Reset settings				
About				
Su 22/07/18 01:12 🛛 🖷 🗐]	Ø	Q	۲

8.2.15 Version information

System Settings	
System settings Monitor settings	
APP settings	Firmware version HGI16-LC_Main_V1.03_20190715_PP_IMX6SOLO
Contacts	Extended version:
Change password	HGI16_MCU_V1.00_20180926_PP_IMX6
Engineering settings	Hardware version: HGI16_Board_V1.00_20180629_PP
Reset settings	······································
About	Firmware version
We 05/12/18 04:12 🛱 🖓	

On the "System settings" screen, click "About" to view the version information.

8.2.16 Device address

On the "System settings" screen, click "About" to view the address information.

System Settings	
System settings Monitor settings	
APP settings	Indoor station address:
Contacts	Block no. 001 Room no. 0101 Device no. 01
Change password	Serial number:
Engineering settings	102807A7F0280D8(DQH)
Reset settings	signature:
About	007898BB7A920521
Su 22/07/18 01:13 🛛 🖷 🗐	

8.2.17 Firmware update

System Settings			
System settings Monitor settings			
APP settings	Serial number: 102807A7F0280D8(DQH)		
Contacts	signature:		
Change password	31EB0B45E5001540		
Engineering settings	Manual:		
Reset settings			
About			
Fr 10/08/18 22:11 🔹 🖵		Q	۲

It is possible to obtain the latest version on the website via scanning the QR code.

Click "Documentation" - "Software" to download the file.

Product browser	Documentation		
Downloads for Vide	eo Indoor Statio	ns	
Available documents:		→ Advanced search → Docume	nts in all languages
Declaration of conformity	(10)	.img	
Instruction (1)) and a state of the state of t	± PPTX
Leaflet (1)			
Manual (9)			
Operating instruction (7)			
Presentation (1)			
Software (2)			
Technical description (1)	I		

\prod°

Note This function is only available when an SD card is inserted.

On the "System settings" - "About" screen, click "Firmware update", click the file and then click "OK" to update the firmware.

System Settings		
System settings Monitor settings		
APP settings	Firmware version	
Contacts	HGI16_Main_V1.02_20190214_PP_IMX6	
	Firmware update	
Change password	/	
Engineering settings	Indoor station address:	
Reset settings	Block no. 001 Room no. 0101 Device no. 01	
About	Serial number:	
Fr 10/08/18 22:48 🤏 🖵 🕤	P (.
🔶 System Settings		
: /vfat		
VIDEO-CIF	05:55	
	07:57	
	17:07	
🗁 engenet, 194	18:09	
ENC_HDI06_HGI1	S_V1.07_20 00:49 img 156.97 MB	
	×	

8.3 Engineering settings

8.3.1 Enter engineering setting

On the "System settings" screen, click "Engineering settings", enter the engineering password to access the settings screen.



Note

The settings screen will turn back to the home screen if no operations are carried out within 60 s.

🔶 System Settings			
	Enter e	ngineerin	g pwd.
	*	****	Ø
	1	2	3
	×		ок

8.3.2 Device settings

Mode settings

1	★ Engineering settings					
En	gineering settings					
Lo	cal settings	Call mode				
Ou	tdoor station settings	Physical address 🗸 🗸				
IP	actuator settings	Mode select				
Pa	ssword management	Master mode 🛛 🗸 🗸 🗸 🗸 🗸				
		Block no.	Room no.			
		001	0101			
IP	actuator settings	Device no.				
Pa	ssword management					
Pa	ssword management	01 Home network port				
Pa	ssword management					
Pa	ssword management	Home network port				
	ssword management 3/12/18 02:21 👎 🖵 1 🔂	Home network port				
Mo 0	3/12/18 02:21 👎 🖵 1 🕤	Home network port				
	3/12/18 02:21 ा जिस्ता रियाल	Home network port				
Mo 0	3/12/18 02:21 ● 🖵 1 🛃 Function Call mode	Home network port				

	Select call mode between "Physical address" (default) and "Logical address".
2	Mode select
-	Please see the "Intended use" – "Application" chapter for more details.
	Home network port
	If "Master mode",
3	Wifi by default
	If "Subsidiary mode",
	LAN/Wifi

Home screen settings



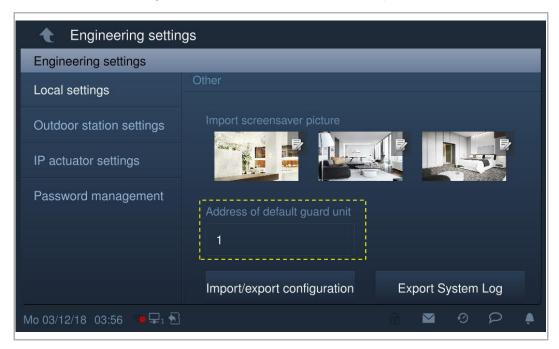
Screen saver settings

Engineering settings					
Engineering settings					
Local settings	Other				
Outdoor station settings	Import screensaver picture				
IP actuator settings					
Password management	Address of default guard unit				
	1				
	Import/export configuration	Export System Log			
Mo 03/12/18 03:56 👘 🖵 🕤					

Click to change the screensaver picture from the SD card.

Default guard unit

Click "Address of default guard unit" and enter the address. (1...32)



Import/export configuration file

On the "Local settings" screen, click "Import/export configuration" to access the corresponding screen.

Engineering setting	gs	
Engineering settings		
Local settings	Import/export configuration	Export System Log
Outdoor station settings	L	
IP actuator settings	Compatible mode	off
Password management	✓ Remote setting	
Mo 03/12/18 04:01 🐞 🗣 1 🕤		

Click "Export configuration file" to output a configuration file to the SD card.

Click "Export System Log" to output a system log to the SD card. System log includes the events such as updating firmware, changing configuration, entering wrong password, changing password etc.

Click "Import configuration file" to import the configuration file stored on the SD card.

Engineering settin	gs	
Engineering settings		
Local settings	Import configuration file	
Outdoor station settings	🗹 Guard unit settings	🗹 General settings
IP actuator settings	Screensaver setting	
Password management		Import configuration file
	Export configuration file	
		Export configuration file
We 05/12/18 04:17 🗣 🕯		

Remote setting

On the "Local settings" screen, the "Remote setting" function is only available on the indoor station which is set as "Master mode" or "Independent mode".

If the "Remote setting" is enabled (default), this device can be set by the management software.

If the "Remote setting" is disabled, this device can only be set by the local management software.

Engineering settin	gs
Engineering settings	
Local settings	Import/export configuration Export System Log
Outdoor station settings	
IP actuator settings	Compatible mode off
Password management	Remote setting
Mo 03/12/18 04:01 👎 🖵 1 🔂	

Clear all data

This function is only available within 120 s after the indoor station is powered on. All data including user settings and engineering settings will be reset to the factory defaults.

Engineering settin	gs	
Engineering settings		
Local settings	Import/export configuration	Export System Log
Outdoor station settings	Compatible mode	off
IP actuator settings		
Password management	✓ Remote setting	
		Clear all data
Mo 03/12/18 03:58 😐 🖵 1 🕤		

8.3.3 Outdoor station settings

These settings are only supported by the pushbutton outdoor station.

Outdoor station enters engineering mode

- Power on the outdoor station, wait until all 3 LED indicators go out.
- Press the first button on the outdoor station and hold for 10 s until all 3 LED indicators flash.



Тір

The outdoor station will exit engineering mode after 5 minutes.

Indoor station goes to the settings page

On the "Engineering settings" screen, click "Outdoor station settings" to access the corresponding screen.

Engineering settin	gs	
Engineering settings		
Local settings	Device settings	
Outdoor station settings	Device type	
IP actuator settings	GS 🗸	
Password management	Device no.	
	01	
	Lock management	
Mo 03/12/18 04:15 🕐 🖵 1 🔂	ି 🖬 ଡ ଢ଼	

Device settings

Go to the "Outdoor station settings" screen

1. Device type = GS (gate station)

Device no. range is 1...32.

★ Engineering settings							
Engineering settings							
Local settings	Device settings						
Outdoor station settings	Device type						
IP actuator settings	GS	~					
Password management	Device no. 01						
	Lock management						
Mo 03/12/18 04:15 🐞 🖵 1 🕤			₿		0	Q	۵

2. Device type = OS (outdoor station)

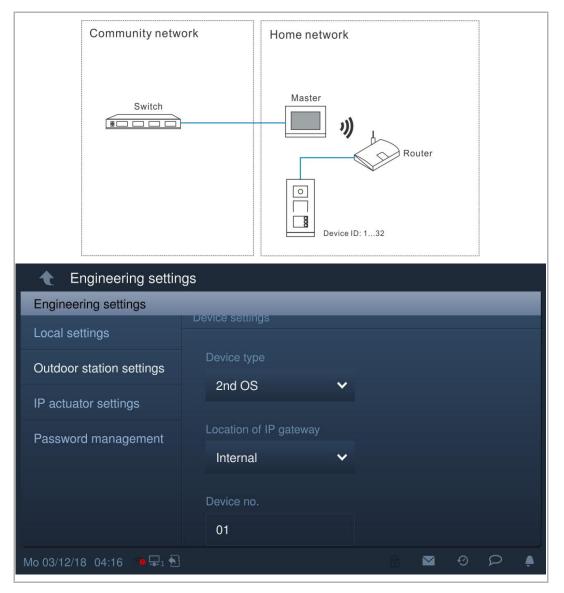
Block no. range is 1...999, device no. range is 1...64.

★ Engineering settings						
Engineering settings			_	_	_	
Local settings	Device settings					
Outdoor station settings	Device type					
IP actuator settings	OS	`				
Password management	Block no.					
	001					
	Device no.					
	01					
Mo 03/12/18 04:15 🔹 📮 1 🔂			i d	1 0	Ω	۵

- 3. Device type = 2nd OS (2nd confirmed outdoor station)
- [1] Location = Internal

The 2nd OS is connected to the router in the apartment (see diagram below).

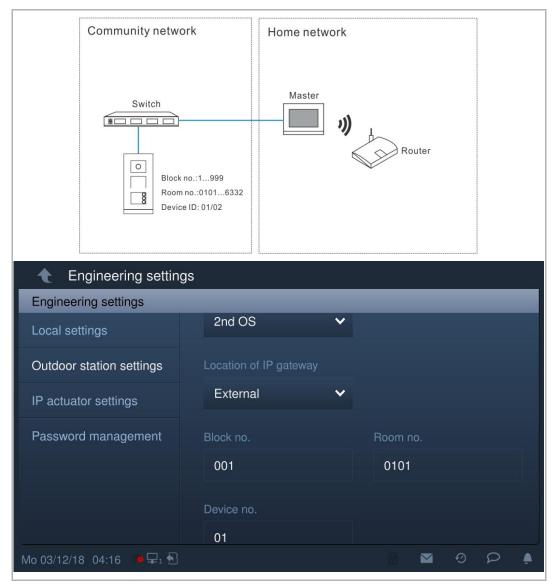
Device no. range is 1...32.



[2] Location = External

The 2nd OS is connected to the switch outside the apartment (see diagram below).

Block no. range is 1...999, the Room no. range is 01...63 + 01...32 (e.g. 0101), and the device no. range is 1...2.





Note

The external and internal types cannot be used in mixed scenarios in the same apartment.

Lock management

Go to the "Outdoor station settings" screen.

4	Engineering settin	qs						
En	gineering settings	5						
Loc	Local settings Lock management							
Ou	tdoor station settings	Unlock type when swiping						
IP	actuator settings	Default lock 🗸						
Password management		Default lock						
		Subsidiary lock						
Ou	tdoor station settings	Time of power lock						
IP	actuator settings	5						
Pa	ssword management	Time of signal lock 5						
		Door status detection						
Mo 0	3/12/18 04:16 🛛 🖷 🖵 1 🕤	ି 🗖 ଡ ଢ଼ି						
No.	Function							
1	Unlock type when swiping Set the lock to be released when swiping. • Default lock (default) • Subsidiary lock.							
2	Lock type Set the lock type for the default lock and subsidiary lock. Lock-GND NO-NC-COM IP actuator							
3	Time of unlock Set the time for unlock • Power lock = Lock-Gl	ND						

Power lock = Lock-GNDSignal lock = NO-NC-COM

Door status detection

Ē

Go to the "Outdoor station settings" screen.

Engineering settings							
Engineering settings							
Local settings	Door status detection						
Outdoor station settings	Door status detection						
IP actuator settings	Tamper proof alarm						
Password management	Sound						
Ringtone volume							
Mo 03/12/18 04:17 ● 🗣 🕤 😨 🔎 🌲							
No. Function							

1	Door status detection If this function is enable, the outdoor station will send an alarm to the management software if the door is open longer than 120 s (A sensor should first be connected to the outdoor station).
2	Tamper proof alarm If this function is enabled, the outdoor station will send an alarm to the management software if the outdoor station is removed from the wall.

Sound

Got to the "Outdoor station settings" screen.

•	Engineering setting	gs					
Eng	gineering settings						
Loc	cal settings	Ringtone volume					
Ou	tdoor station settings	— () 2 +					
IP a	actuator settings	Voice volume					
Pas	ssword management						
		✓ Button tone					
		✓ Voice prompts					
	actuator settings ssword management	System language English					
Га	ssword management	Compatible mode					
		Firmware update					
Mo 03	3/12/18 04:17 🗨 🖵 1 🔂	A ⊠ 0 P ≜					
No.	Function						
1	Volume of outdoor stati Click "+" or "-" to adjust th	on ne ringtone volume and the voice volume on the outdoor station.					
2	Button tone Tick the checkbox to enable button tones on the outdoor station.						
3	 Voice prompt Tick the checkbox to enable voice prompts on the outdoor station. 						

Choose the language for the voice prompts from the drop-down list.

•

Lift control

Only the building's outdoor station is able to use this function. The gate station and the 2nd confirmed outdoor station are not able to use this function.

On the "Outdoor station settings"	" page, tick the checkbox to enable the function.
-----------------------------------	---------------------------------------------------

Engineering settings									
Engineering settings									
Local settings	Lift control								
Outdoor station settings									
IP actuator settings	Anti-flicker settings								
Password management									
	Screen refresh rate								
	60 Hz 🗸 🗸								
Call forward									
Mo 03/12/18 04:41 💿 🖵 1 🕤		â		0	2	۵			

Anti-flicker setting

On the "Outdoor station settings" screen, select the refresh rate from the drop-down list.

Engineering settings							
Engineering settings							
Local settings	Anti-flicker settings						
Outdoor station settings	Screen refresh rate						
IP actuator settings	60 Hz	~					
Password management	Other						
	Columns of button						
			Push-b	utton a	addres	ss setti	ng
	0						
Mo 03/12/18 04:18 🏾 😐 🖵 1 🕤			B		Ø	2	۵

Call forward

Only the building's outdoor station and gate station are able to use this function. The 2nd confirmed outdoor station is not able to use this function.

On the "Outdoor station settings" screen, tick the checkbox to enable the function.

If this function is enabled, each incoming call from this outdoor station will be transferred to the guard unit.

★ Engineering settings							
Engineering settings							
Local settings	Call forward						
Outdoor station settings	🗹 Call forward						
IP actuator settings	Address of guard unit						
Password management	01						
	Other						
Columns of button							
Mo 03/12/18 04:19 🔹 🗣 🖬							

Wiegand output on the outdoor station

On the "Outdoor station settings" screen, tick the checkbox to enable the function. Set the Wiegand output from the drop-down list: 26 bits (default) or 34 bits.

🔶 Engineering settin	gs								
Engineering settings									
Local settings	Other								
Outdoor station settings	✓ Wiegand output								
IP actuator settings									
Password management	Wiegand output 26 bits								
	Columns of button								
	Push-button address setting								
Mo 03/12/18 04:53 🔹 🖵 1 🔂									

Set the function of pushbutton

On the "Outdoor station settings" screen, click "Pushbutton address setting" to access the settings of the pushbuttons.

★ Engineering settings							
Engineering settings							
Local settings	Other						
Outdoor station settings	Colu	umns of button					
IP actuator settings			Pus	h-button	addres	ss settir	ng
Password management	Syn	c time automatically		1			
	С	lose time sync	• /				
		e 05 50 36	Date 14	11		017	
Mo 03/12/18 04:20 ● 🗣 🕤 💮 🔎 🌲							
		tation optimus			Ð	2	Ŵ
Engineering settings O	utdoor s	station settings			Ð		•
	utdoor s g	station settings Device type	Blo	tano. Ro			no.
Engineering settings Or Push-button address settin	utdoor s g			ck no. Rc			no.
Engineering settings Ou Push-button address settin No. Fuction of pushb	utdoor s g	Device type		ck no. Rc	oom		no.
Engineering settings Ou Push-button address settin No. Fuction of pushb	utdoor s g	Device type		ck no. Rc	oom		no.
Engineering settings Ou Push-button address settin No. Fuction of pushb	utdoor s g	Device type		ck no. Rc	oom		no.
Engineering settings Ou Push-button address settin No. Fuction of pushb	utdoor s g	Device type		ck no. Rc	oom		no.
Engineering settings Ou Push-button address settin No. Fuction of pushb	utdoor s g	Device type		ck no. Rc	oom		no.

"Columns of button" is only available when detecting bar pushbutton module on the outdoor station. It can be set to 1 column or 2 columns.

Time sync setting

On the "Outdoor station settings" screen.

If "Sync time with management" is selected, the outdoor station will sync the time from the management software.

If "Close time sync" is selected, the time and date needs to be set manually.

Engineering setting	JS							
Engineering settings								
Sync time automatically								
Outdoor station settings	Close time sync	~						
IP actuator settings	Time	Date						
	05 50 36		12 2017					
Password management	06 51 37	15 (01 2018					
	07 : 52 : 38	16 ()2 2019					
	08 53 39	17 (03 2020					
	09 54 40	18	04 2021					
	System Janguage							
Mo 03/12/18 04:20 🛛 🖷 🖵 1 🔂		æ	■ 0 P 🌢					

Security mode and compatible mode setting

On the "Outdoor station settings" screen, the outdoor station is set to "Security mode" by default (Compatible mode = off).

Engineering settings										
Engineering settings										
Local settings		9 14 0 15	02 03	2020 2021						
Outdoor station settings										
IP actuator settings	System language									
in actuator settings	English	~								
Password management										
	Compatible mode			off						
	Firmware up	date								
Mo 03/12/18 04:17 🔹 🗣 🔒 👘 😥 🖗										

Firmware update



Note

The outdoor station must exit engineering mode before the firmware is upgraded.

On the "Outdoor station settings" screen, click "Firmware update", select the outdoor station and the file from SD card, then click "OK" to update the firmware.

★ Engineering settings									
Engineering settings									
Local settings		08 09	53 54	39 40		14 15	02 03	202 202	
Outdoor station settings		C							
IP actuator settings		System I Englis		ge	~				
Password management		Compati		de					off
		Firi	mware	update) 				
 Mo 03/12/18 04:17 → 🗣 🖵 1 🕤	}					B		Ø	Q 🌢
🔶 Engineering setti	ngs								
					1				
Upgrade ou	Itdooi	r station							
IP actuator se Device sele	ct	OS-0	1				~		
Smart home s File name									
	×								
M6 23/07/18 02:08 👘 👾								0	2 1

Version of outdoor station

On the "Outdoor station settings" screen, view the version information.

Engineering settin	gs
Engineering settings	
Local settings	MCU:
Outdoor station settings	HGO05_MCU_V1.02_20190114_MP
IP actuator settings	NFC: HGO05_NFCPM_V1.01_20190404_MP
Password management	Serial number:
	101807A7F02D43D(ROR)
	Signature:
	1A7A4C9341FD816A
Mo 03/12/18 04:55 🔹 🗣 🖵 1 🔂	

8.3.4 IP actuator settings

IP actuator enters Engineering mode

When pressing the reset button of the IP actuator when it is powered on, the LED flashing means that the IP actuator has entered engineering mode.

o () [

On the "Engineering setting" screen on the indoor station, click "IP actuator settings" to access the corresponding screen.



Tip

The IP actuator will exit engineering mode if no operation are carried out for 5 minutes.

Device settings

On the "IP actuator settings" screen.

1. Device type = Network IP Actuator

Device no. range is 1...32.

★ Engineering settings				
Engineering settings				
Local settings	IP actuator settings			
Outdoor station settings	Device type			
IP actuator settings	Network IP Actuator 🗸			
Password management	Device no.			
	32			
	Power lock			
Mo 03/12/18 05:07 🔹 🗣 1 🕤				

2. Device type = Building IP actuator

Block no. range is 1...999; device no. range is 1...32

★ Engineering settings				
Engineering settings				
Local settings	IP actuator settings			
Outdoor station settings	Device type			
IP actuator settings	Bullding IP Actuator 🗸			
Password management	Block no.			
	001			
	Device no.			
	32			
Mo 03/12/18 05:07 🔹 🖵 1 🕤				

3. Device type = Private IP Actuator

Location of IP actuator = Internal

Device no. range is 1...32 (see diagram below).

	ineering setting	S	
Engineerin	g settings	_	
Local settir	ngs	Private	P IP Actuator
Outdoor st	ation settings	IP Actuato	or location
IP actuator	rsettings	Interna	
Password	management	Device no	o.
		32	
		Address s	settings
		Dvnam	nic address 🗸 🗸
Mo 03/12/18	05:07 🛛 🖷 🖵 1 🔂		
	Communitynetwo	ork	Homenetwork
	Switch 8		Master))) Router Corr Device ID: 132

Location of IP actuator = External

Block no. range is 1...999; Room no. range is 01...63 + 01...32 (e.g. 0101); device no. range is 01...02 (see diagram below).

🔶 Engineering setting	gs					
Engineering settings	_	_	_	_	_	
Local settings	Private IP	Actuator	*			.,
Outdoor station settings	IP Actuator Ic	ocation				
IP actuator settings	External		~			
Password management	Block no.			Room no.		
	001			0101		
	Device no.					
 Mo 03/12/18 05:07 🗇 🗣 🗟	01				0 P	۴
Mo 03/12/18 05:07 🕐 🖵 🕄	·	Homenetw	vork	▲ (E)	00	



Note

The external and internal types cannot be used in mixed scenarios in the same apartment.

Power lock settings

On the "IP actuator settings" screen, set output mode and unlock time.

Engineering setting	gs		
Engineering settings			
Local settings	Power lock		
Outdoor station settings	Output mode		
IP actuator settings	AC output 🗸 🗸		
Password management	Unlock time		
	Relay lock		
 Mo 03/12/18 05:08 ा≢i 🔂		n ≥ 9	D 🏚
🔶 Engineering settin	ġs		
	Power boo Output mode		
	AC output		
	AC output		
	DC output (NC)		
	DC output (NO)		

Relay lock settings

On the "IP actuator settings" screen, set Relay mode and unlock time.

Engineering setting	js	
Engineering settings		
Local settings	Relay lock	
Outdoor station settings	Relay mode	
IP actuator settings	Unlock 🗸	
Password management	Unlock time	
	— 5 +	
	Lock	
Mo 03/12/18 05:08 🛛 🗣 🗣 1 🕤		
👌 👌 Engineering setting	js	
	. Relay look	
	Relay mode	
	Unlock 🔨	
	Turn on the light	
	Unlock	

Report when unlock

On the "IP actuator settings" screen, if "Report when unlock" is enabled, each unlock record from the IP actuator will be sent to the management software.

Engineering settings						
Engineering settings						
Local settings	Lock					
Outdoor station settings	Report when unlock					
IP actuator settings	Activate 🗸					
Password management	Link exit button with lock					
	Power lock 🗸 🗸					
	Door status					
Mo 03/12/18 05:08 🐞 🖵 1 🕤		æ		Ø	ρ	۵

Exit button

On the "IP actuator settings" screen, set the lock type for the exit button ("Power lock" or "Relay lock").

▲ Engineering settings						
Engineering settings						
Local settings	Lock					
Outdoor station settings	Report when unlock					
IP actuator settings	Activate 🗸					
Password management	Link exit button with lock					
	Power lock 🗸 🗸					
	Door status					
Mo 03/12/18 05:08 👘 🖵 i 🔂		Ê		Ø	ρ	۰

Door status detection

On the "IP actuator settings" screen, tick the checkbox to enable the function. Door open period range is 1...600 s.

▲ Engineering settings				
Engineering settings				
Local settings	Door status			
Outdoor station settings	✓ Door status detection			
IP actuator settings	Door open period(s)			
Password management	60			
	Other			
	Firmware update			
Mo 03/12/18 05:16 👒 🖵 1 🔂				

Firmware update

The IP actuator must exit engineering mode before the firmware is upgraded.

On the "Engineering settings" screen, click "IP actuator settings" - "Firmware update", select IP actuator and the file from SD card, then click "OK" to update the firmware.

t Engineering	settings							
Engineering settings								
Local settings		Door status	detection					
Outdoor station settir	ngs Oth	ners						
IP actuator settings		Firmware	e update					
Smart home settings		Version:		2				
Engineering passwor								
Su 22/07/18 23:48 🤋	🖵 🕤					Ø	2	۰
- Engineering	settinas							
IP act	uator update	е						
	e select	Bullding IP	Actuator-01		~			
Smart home s File n	ame							
	×							
	^							
	^							

9 Operation

9.1 DES page

★ DOOR ENTRY 1	
	6 SOS
	۲ کې
	8 💦
TA	9 📀
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	10 🔎
	<u>11</u> 1€
We 25/07/18 22:41 🤏 🗣 🔂 12	∎ 0 P ♠

No.	Function
1	Screen name
2	Surveillance Click this icon to initialize surveillance. Please see the "Surveillance" chapter for more details.
3	Release the default lock This icon is disabled by default. Please see the "Set the address of default lock" chapter for more details.
4	Program button The address of default lock must be set before this function can be used. Please see the " Set the address of default lock" chapter and the "Program button settings" chapter for more details.
5	MuteClick this icon to mute the ringtone on this indoor station.Press this icon and hold for 3 s to mute the ringtone of all the devices in the same apartment.Please see the "Mute" chapter for more details.
6	SOS In standby mode, press this icon and hold for 1 s to send an SOS call to the guard unit and management software.

★ DOOR ENTRY 1	
	6 SOS
	7 ئې
	8 💦
TP	9 🕐
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	10 P
	11 🕕
We 25/07/18 22:41 🤏 🗣 🔂 12	¥ 0 ₽ ♠

No.	Function
7	Intercom Click this icon to enter intercom page. Please see the "Intercom" chapter for more details.
8	Call guard unit Click this icon to call the guard unit. Please see the "Call guard unit" chapter for more details.
9	History Click this icon to view the history records. Please see the "History" chapter for more details.
10	Voice message Click this icon to view the voice messages. Please see the "Voice message" chapter for more details.
11	Call the lift Click this icon to call the lift to current floor. Please see the "Call the lift" chapter for more details
12	Status bar Display the status of this indoor station.

9.2 Incoming call

9.2.1 Call from outdoor station/gate station

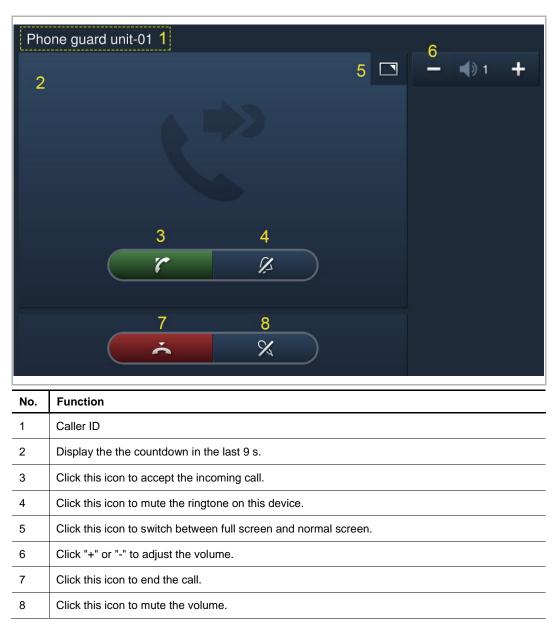
This indoor station displays the image as full screen by default.

Click to switch to normal screen.

GS	-01 1					
	2 8 🗅	9				
		10 • rec				
		GS-01 11 🔺				
		GS-01				
		Dahua				
	3 4 5 6 () () () () () () () () () () () () () (— 📣 1 🕂				
		12				
	13 14 ズ ∞ ∞ X					
No.	Function					
1	Caller ID					
2	Display the image of the outdoor stations (The countdown will be display	ayed in the last 9 s).				
3	Click this icon to accept the call.					
4	Release the default lock Click this icon to release the default lock on the calling outdoor station.					
5	Program button Click this icon to release the subsidiary lock on the calling outdoor stati on the light. Please see the "Program button settings" chapter for more	on. It can be set to switch details.				
6	Click this icon to mute the ringtone on this device.					
7	Click this icon to display the image of the next camera.					
8	Click here to switch the image between full screen and normal screen.					
	1					

GS		
	2 8 🗖	9
		10 • rec
		GS-01 11 ^
	7	GS-01
		Dahua
	3 4 5 6 7 cm m 1/2	- 📣 1 +
		12
	13 14 ★ ∞ ∞ %	
No.	Function	
9	Click this icon to take a snapshot manually.	
10	Click this icon to record a video when the SD is inserted.	
11	Select the image of the outdoor station or the camera from the drop-do	wn list.
12	Click "+" or "-" to adjust the volume.	
13	Click this icon to end the call.	
14	Click this icon to mute the volume.	

9.2.2 Call from guard unit/indoor station



9.2.3 Call from doorbell

When the doorbell is pressed, this device will display $\overset{(4)}{\frown}$ for 5 s on the status bar.

If the doorbell is associated with the camera, this indoor station will display the image from the camera automatically. Please see the "Home monitor" for more details.



9.3 Intercom

9.3.1 Enter intercom page

In standby mode, click on the DES home screen to enter the corresponding screen.

★ DOOR ENTRY	
	sos
	Ŕ
	90
	Ø
	Q
	ſ₽
Fr 27/07/18 00:40 📬 🖵 🔂	

9.3.2 Initiating an intercom call

Home to home

On the "Intercom contacts" screen, click "Favorite contacts", select a contact, then click to initiate an intercom call.

	ERCOM	A STATE
Intercom contacts		く ピ
Favorite contacts	Blocked	Indoor extension
Jacky		066-0101 📞

You can also click "

DOOR ENTRY INTERCOM					
Intercom contacts	Room r	number			
Favorite contacts	060	6-010)1 ඏ		
Jacky	1	2	3		
			6		
	×		r		
				S S S S	1

Room to room

On the "Intercom contacts" screen, click "Indoor extension".

Click Group call" to initiate a call to all indoor stations in the same apartment.

Click Click a room (e.g. "Extension01") to initiate a call to this indoor station.

DOOR ENTRY	INTERCOM		1
Intercom contacts	3	٣	۶
Favorite contac	ts Blocked	Indoor extension	
Group call			د
Extension01			L

9.3.3 Add to blacklist

There are 2 ways to add a contact to the blacklist.

Option 1

On the "Intercom contacts" screen, click row to access the setting. Click the contact, then select "Blocked" from the drop-down list.

DOOR ENTRY INTERCOM			
Intercom contacts			~
Delete All 🔟	Cc	ontacts	
Jacky	066-0101	Blocked	, Ū

Option 2

On the "History" screen, select an intercom record, then click on the right.

DOOR EN	ITRY HISTORY						
All history	All history records						
	Delete All 🔟		Copy to SD	card 🌄			
<u> </u>	OS-01	Missed	27/ 07/ 2018	03:36		Ū	
<u> </u>	GS-32	Take call	27/ 07/ 2018	03:34		Ū	
C	Jacky	Take call	27/ 07/ 2018	01:12	Ø	Ō	
C	Jacky	Dialed	27/ 07/ 2018	01:11	Ø	Ŵ	
0	Phone guard unit-01	Missed	22/ 07/ 2018	07:24		Ū	
Fr 27/07/18(Fr 27/07/18 03:39 🦻 🖵 🛐 🔤 🕑 🔎 🌲						

9.3.4 Restoring a contact from the blacklist

On the "Intercom contracts" screen, press rot access the setting. Click the contact, then select "Allowed" from the drop-down list.

Intercom contacts				
	ntacts			
066-0101	Allowed 🗸 🗸	Ū		

9.4 Surveillance

9.4.1 Surveillance from outdoor station

In standby mode, on the DES screen, click to access the corresponding screen.

1 DOOR ENTRY	
	SOS
	¢
	Ð
	Q
Su 22/07/18 02:48 🛪 🖵 🕤	4 0 0 4

GS-01 1						1		
2					8 🔼	9	Li	
						10	e rec	
						GS-0	1 11	~
					7 📕	12	1	+
	•	4	-	0				
	3	4	5	6				
	$\hat{}$	3	3	*				

No.	Function
1	Caller ID
2	Display the image from the outdoor station. (The countdown will be displayed in the last 9 s)
3	End the surveillance.
4	Release the default lockClick this icon to release the default lock of the monitored outdoor station.
5	Program button Click this icon to release the subsidiary lock on the monitored outdoor station. It can be set to switch on the light. Please see the "Program button settings" chapter for more details.
6	Mute (default) or unmute the volume during surveillance.
7	Click this icon to display the image of the next outdoor station or the next camera.
8	Click here to switch between full screen and normal screen.
9	Click this icon to take a snapshot.
10	Click this icon to record a video only when an SD is inserted.
11	Select the image of the outdoor station or the camera from the drop-down list.
12	Click "+" or "-" to adjust the volume.

9.4.2 Surveillance from IP camera

Dah	ua 1				
2	5 🔼	6			
		7 • rec			
		Dahua <mark>8</mark> 🗸			
,+	4	— 📢 4 +			
	3				
No.	Function				
1	Caller ID				
2	Display the image from the cameras. (The countdown will be displayed in the last 9 s)				
3	End the surveillance.				
4	Click this icon to display the image of the next outdoor station or the next camera.				
5	Click here to switch between full screen and normal screen.				
6	Click this icon to take a snapshot.				
7	Click this icon to record a video only when an SD is inserted.				
8	Select the image of the outdoor station or the camera from the drop-down list.				

9.5 Call guard unit

"Call guard unit" must be enabled before this function can be used.

On the "Engineering settings" screen, click "Local settings", set "Call Guard unit" to on.

★ Engineering settings					
Engineering settings					
Local settings	Default home page				
Outdoor station settings	DES 🗸				
IP actuator settings	Switch				
Password management	Lift On				
	DES ON				
	Call Guard Unit On				
Mo 03/12/18 03:54 🛛 🖷 🖵 1 🕤					

Then set the address of the default guard unit.

★ Engineering settings					
Engineering settings					
Local settings	Other				
Outdoor station settings	Import screensaver picture				
IP actuator settings					
Password management	Address of default guard unit				
	Import/export configuration Export System Log				
Mo 03/12/18 03:56 🛛 🗣 🗣 1 🔂					



On the "Door entry" screen, click to call the default guard unit.

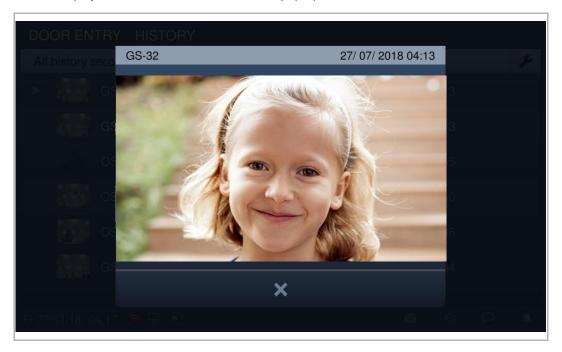
9.6 History

In standby mode, click on the status bar to access the corresponding screen.



A maximum of 30 call records can be stored. Highlighting indicates unread status.

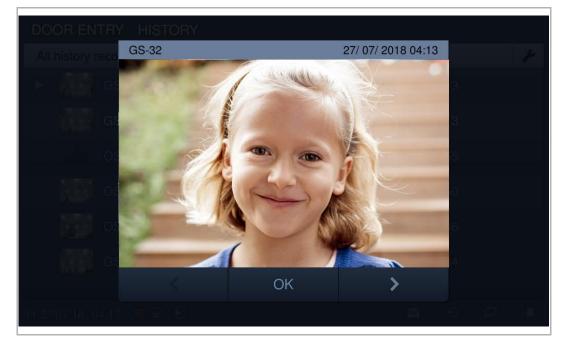
DOOR	ENTRY HISTORY					
All histo	ry records			_		۶
	GS-32	Take call	27/ 07/ 2018	04:13		
	GS-32	Take call	27/ 07/ 2018	04:13		
	OS-01	Dialed	27/ 07/ 2018	03:55		
	OS-01	Missed	27/ 07/ 2018	03:50		
	OS-01	Missed	27/ 07/ 2018	03:36		
	GS-32	Take call	27/ 07/ 2018	03:34		
Fr 27/07/1	8 04:15 🤿 🖵 🕤			Ð	Q	



Click ► to play the audio or video record on the pop-up window when an SD card is inserted.

Click the picture to see details on the pop up window.

Click "<" or ">" to view the pictures. (a maximum of 3 pictures for each record)



Click *to* enter the settings.

Click "Delete All" to delete the entire history record.

Click "Copy to SD card" to copy all snapshots to an inserted SD card.

DOC	OR EN	TRY HISTORY				14
All I	history r	ecords				✓
		Delete All 🔟		Copy to SD	card 🍤	
		GS-32	Take call	27/ 07/ 2018	04:13	Ū
		GS-32	Take call	27/ 07/ 2018	04:13	Ū
		OS-01	Dialed	27/ 07/ 2018	03:55	莭
		OS-01	Missed	27/ 07/ 2018	03:50	Ū
		OS-01	Missed	27/ 07/ 2018	03:36	Ū
Fr 27/	07/18 0	4:16 🤏 🖵 🕤			0 6	2

9.7 Voice message

Recording a new voice message

In standby mode, click on the status bar, then click "New voice message" to access the corresponding screen.

Fr 27/07/18 04:02 🔿 异 🕤	*	M	Ø	Q	Ļ

Click \bullet to record a voice message, click \triangleright to play the voice message.

A maximum of 30 voice messages can be stored.

New message	
2Second	60Second
e rec	
×	OK

Reading a voice message

The indoor station will flash P on the status bar if there is an unread message.

In standby mode, click P on the status bar, then click "Voice message" to access the corresponding screen.

Click \blacktriangleright to play the voice message.

DOOR EI	NTRY VOICE ME	SSAGES	
All Messa	iges		¥
Local	27/ 07/ 2018	05:54	►
Local	27/ 07/ 2018	05:54	►

9.8 Absence message

The indoor station allows you to leave voice messages for visitors and to record voice message from visitors.

Enable "Absence message"

At least one voice message must exist before this function can be used. Please see the "Voice message" chapter to add a voice message.

On the "Voice message" screen, select a voice message and tick the checkbox "Absence message" to enable the function.

DOOR EI	NTRY VOICE ME	SSAGES		
All Messa	iges			✓
R	ecord voice message	Delete All 🝈		
Local	22/ 07/ 2018	00:08	🗹 Absence Message	Ū
Su 22/07/18	00:08 🤋 🖵 🕤		⊻ 0	4

Disable "Absence message"

On the "System settings" screen, click "Door Entry System", and untick "Absence message".

System Settings	
System settings	
Sound	✓ Automatic snapshots
Language	Absence message
Network settings	Address of default unlock
Door Entry System	
Display	Program button setting
Date and time	Open auxiliary lock 🗸
Monitor settings	
Su 22/07/18 01:14 🛛 🖷 🖵 1 🗧	

9.9 Automatic unlock

"Unlock timer" should be enabled before this function can be used.

On the "System settings" screen, click "Local settings", then switch "Unlock timer" to on.

Engineering settin	gs	
Engineering settings		
Local settings		
Outdoor station settings		on
IP actuator settings	DES	on
Password management	Call Guard Unit	on
	CCTV	on
	Unlock timer	on
Mo 03/12/18 05:22 🏾 🖷 🖵 1 🔂	8 🖂 🤄	

In standby mode, click "Unlock timer" to access the corresponding screen.

ССТV		SYSTEM	TEXT MESSAGE	
Tu 04/12/18 05:44 중	¥⊊₁ €	8	8 ₩	0 P 🌲

Click *** to access the settings. Click "+" to add a new setting.

The system allows you to select the days of the week, with the selected options shown with highlighting.

After setting the start time and end time, click "OK" to save.

A maximum of 10 items is supported.

	👚 Auto unlock								
	Add automatic unlock setting								
	Мо	Tue	Wed	Thu	Fr	Sat	Sun		
4	Start time		End time						
	05	58	15	58					
	06	59	16	59					
	07	: 00	17 :	00					
	08	01	18	01					
	09	02	19	02					
		×				ОК			
Fire	27/07/18 233	2 * Pi				M 6			

With this setting, this device will enter auto unlock mode automatically and display and the status bar.

The lock will be released automatically 5 s later during an incoming call.



9.10 Standby unlock

	MEDIA PLAYER	T UNLOCK			
We 07/11/18 09:25 🛭 🖘 🖵 🕤	8	*	Ê	ଡ	

On the extra screen, click "Unlock" to access the settings.

Click 📕 and then click "+" to add a new setting.

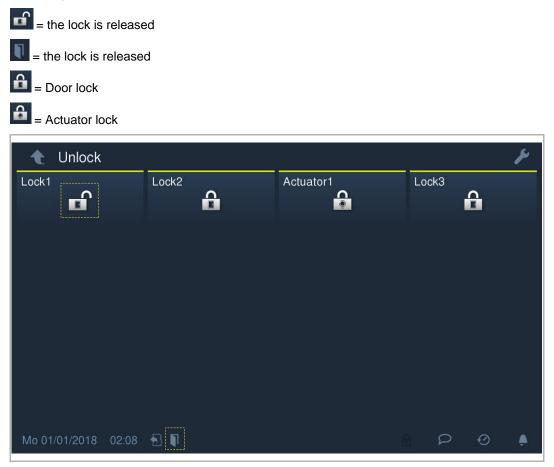
The lock type can be selected between "Door lock" and "Actuator lock".

Select the lock location from the drop-down list and enter the lock name, then click "OK" to save.

t Unloc	sk.						×
÷	Add new unloo	ck setting in standb	by mode	_	_		
	Lock type	Door lock			~		
	Select lock	GS-01-Default	lock		~		
	Lock name	Gate 01					
		×		OK			
Wa.07/11/18:10	3:26 潮 🗐 🦉			â	a 0	Ø	

Click **V** to save and quit the setting. A maximum of 16 items is supported.

In standby mode, click the lock icon to release the lock.



9.11 Mute

Mute manually

Click on the status bar and select "Activate mute" to mute the ringtone immediately and is displayed on the status bar.

We 07/11/18 09:43	∍ ₽₁ €	==*	đ	0	1/-

Mute automatically

Click on the status bar and select "Mute timer" to access the corresponding screen.

Click 📕 and then click "+" to add a new setting.

The system allows you to select the days of the week, with the selected options shown with highlighting.

After setting the start time and end time, click "OK" to save.

A maximum of 10 items is supported.

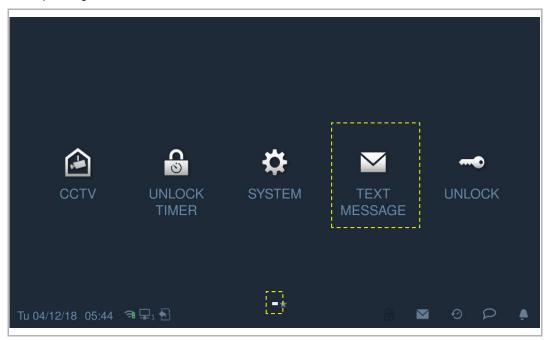
Add mute tir	ner					
Мо	Tue	Wed	Thu	Fr	Sat	Sun
Start time		End time				
10	58		58			
	59	12	59			
12	: 00	13 :	00			
13	01	14	01			
14	02	15	02			
	×				ОК	

With this timer setting, this indoor station will mute the ringtone automatically and display on the status bar.

9.12 Text message

This indoor station will flash important on the status bar if there is an unread text message.

On the extra screen, click "Text message" or click and the status bar to access the corresponding screen.



New text message

On the "Text message" screen, click **H**, enter the subject and content, then click **S** to send this message to the management software.

🔶 🛛 TEXT MESSAGE				2	
To : Property management	Subject : Hi	28/ 07/ 201	8 01:16	×	•
Test					
			4		
			0 0		

Inbox

On the "Text message" screen, click "INBOX" to view the text messages come from management software.

\sim	Ι.

means an unread text message.

Click to reply the text message.

t	TEXT MESSA	GE				у в
Text m	nessage					+ *
	INBOX			OUTE	вох	
	From : Property	manage Subject	: Hi	28/	07/201801	:19
			Ū	Ū		
Sa (28/07	vils off:19 🔊 S	9.99 1				<i>₽</i>

On the "Text message" screen, click "INBOX", then click 🛃 to access the setting.

Click to mark all text message as read.

Click "Delete all" to delete all text messages.

Click **v** to save and quit the setting.

t	TEXT MESSAGE	
Text	message	+ 🗸
	Delete All 🔟	Mark all as read 🖉
	From : Property manage Subject : Hi	28/ 07/ 2018 01:19 📺

Outbox

On the "Text message" screen, click "OUTBOX" to view the text messages sent to management software.



Click to resend the text message.

2	t	TEXT MES	SSAGE				(1)
1	Fext r	nessage				+	۶
		INI	зох		OUTBOX		
Ĩ	6	To : Propert	y management	Subject : Test	3 29/07/	2018 03:26	
ß	6	To:Propert	y management	Subject : Test2	29/ 07/	2018 03:22	
			Ð	Ū.	▲	>	
S4	29/0	7/18 [03:54]	gi 무너한			0	

9.13 Call the lift

"Lift" must be enabled before this function can be used.

On the "Engineering settings" screen, click "Local settings", then switch "Lift" to "on".

Engineering settings						
Engineering settings						
Local settings	Default home page					
Outdoor station settings	DES 🗸					
IP actuator settings	Switch					
Password management	Lift On					
	DES ON					
	Call Guard Unit On					
Mo 03/12/18 03:54 🛛 🖷 🖵 🕤						

On the Door Entry screen, click 🕕 to call the lift to the current floor.



in will be displayed on the status bar if successful.



9.14 Clean screen

On the "System settings" screen, click "Display" , then click to access the corresponding screen.

System Settings					
System settings					
Sound	Clean screen				
Language	B				
Network settings	Display				
Door Entry System	Brightness				
Display				C)
Date and time	Screensaver				
Monitor settings					
Fr 27/07/18 23:59 🤏 🖵	B	â	Ø	2	٠

The countdown (1...30) is displayed on the screen. Any operations on the screen will be invalid. This device will exit "Clean screen" mode if an incoming call is received.

🍨 System Settings		
System settings		
Sound		
Language	S.	
Network settings		
Door Entry System		
Display		
Date and time		
Monitor entitinge		
Se 28/07/18/100/06/ 🏟 🖵 i 🦉		

10 FCC

FCC ID: 2AEBL-H82364

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Only operate the device in accordance with the instructions supplied.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

11 Cyber security

11.1 Disclaimer

H8236 products are designed to be connected and to communicate information and data via a network interface, which should be connected to a secure network. It is customer's sole responsibility to provide and continuously ensure a secure connection between the product and customer's network or any other network (as the case may be) and to establish and maintain appropriate measures (such as but not limited to the installation of firewalls, application of authentication measures, encryption of data, installation of antivirus programs, etc.) to protect the H8236 product, the network, its system and interfaces against any kind of security breaches, unauthorized access, interference, intrusion, leakage and/or theft of data or information. ABB Ltd and its affiliates are not liable for damages and/or losses related to such security breaches, unauthorized access, interference, intrusion, leakage and/or theft of data or information.

Although ABB provides functionality testing on the products and updates that we release, you should institute your own testing program for any product updates or other major system updates (to include but not limited to code changes, configuration file changes, third party software updates or patches, hardware change out, etc.) to ensure that the security measures that you have implemented have not been compromised and system functionality in your environment is as expected.

11.2 Performance and service

Network performance

Туре	Value
Ethernet	36 Mbps (53,568 packets/s)
ARP	17 Mbps (25,296 packets/s)
ICMP	14 Mbps (20,832 packets/s)
IP	22 Mbps (32,736 packets/sec)

Port and service

Port	Service	Purpose
5060	UDP	To be used by sip client.
5061	TCP	To be used by sip server
5070	TCP	To be used by sip server
50602	UDP	To be used by sip server
7777	TCP/UDP	To be used for device management
7006	TCP	To be used for connectivity detection when this feature is enabled.
8001	TCP	To be used for calling history report.
8887	TCP	To be used for firmware updating.
10777	TLS	Secure channel for device management
11778	TLS	Secure channel for connectivity detection when this feature is enabled
12779	TLS	Secure channel for calling history report

11.3 Deployment guideline

Please do not install it within a public place and to ensure that physical access to the devices is granted only to trusted personal.

All devices need to work in security mode by default and. all devices in one system shall be signed by a public CA at commissioning stage, normally management software works as CA.

It's suggest compatible mode only be used when device need to communicate with previous generation products. In this mode, data transmission between devices are not encrypted, it may lead to data leaks and has the risk of being attacked.

When user decide to remove the device from system, user shall reset the device to factory setting in order to remove all the configuration data and sensitive data in the device. This will prevent sensitive data leak.

It is recommended to apply "MAC filter" and "Rate limiter" in the switch to prevent DOS attack.

11.4 Upgrading

Device supports firmware updating via SD card, in this mode, a signature file will be used to verify the authentication and integrity of firmware.

If Internet services available, device will connect to MyBuilding sever to get new firmware automatically, but needs to be confirmed by end user every time. A signature file will be used to verify the authentication and integrity of firmware.

11.5 Backup/Restore

Some configurations of device can be exported to SD card for backup purpose, and on later use, imported it again to restore configuration.

When connect to management device, user can backup and restore configurations on management device side, this feature is enable or disable by a local setting item.

11.6 Malware prevention solution

The device H8236 is not susceptible to malware, because custom code cannot be executed on the system. The only way to update the software is by firmware upgrading. Only firmware signatured by ABB can be accepted.

11.7 Password rule

The user needs to change the engineering password when entering the engineering settings for the first time. This engineering password is not allowed continuously increasing or decreasing numbers (e.g. 12345678, 98765432). And three consecutive identical numbers are also not allowed. (e.g. 123444, 666888)

Your passwords could not known by the others to guarantee the security.

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