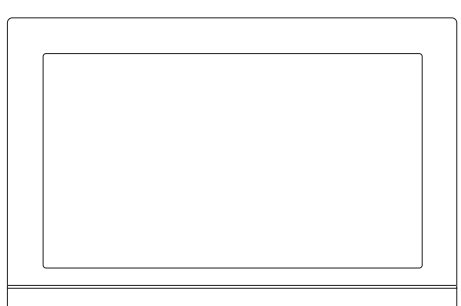
Instruction Manual

HYUNDAI HT Co., Ltd.

HNF-I4102 Series

HNF-I4102-H, HNF-I4102





Hello Tomorrow Home Think

HNF-I4102 Series

Security

Mode – Away and Home
If alarm sounds, it will be notified to a wall pad, a door phone and a guard phone automatically.

Call

Answering door phone, guard phone and lobby phone calls.
* This device does not support telephone (PSTN) function.

Options

Multiple extra functions such as devices control features are provided as options which can be selected to improve convenience.
* Options are selected during initial ordering, and they cannot be modified after installation.
* Lobby Phone and Guard Phone are optional.

Thank you for purchasing Home Network System of HYUNDAI HT.
Since this system is developed and produced by a technical team of HYUNDAI HT and has various convenient functions, please read this Instruction Manual carefully before use so you can fully understand the use of the equipment. The functions of this product or the content of the Instruction Manual can be modified without a prior notice for the purpose of quality improvement.

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01 Precautions

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If a power plug or an equipment connector applies as a blocking device, such device has to be in a location where it can be manipulated easily.

Precautions on use

This part contains matters that can result in a serious injury oreven death. Please read and be fully aware of the contents forthe correct use of the equipment.



Never disassemble, repair, ormodify the product.you can also press a button, such as an awl orpin. do not insert through a hole.



Do not have the product exposed to a physical impact, smoke, oil, orwater.



Do not use water orchemicals, such as alcohol, to wipe the outside of the product with but use only a piece of dry cloth.



If there is any abnormal noise, smell, orsmoke coming out of the product, stop using it immediately and call the service center.



Do not install the product in a place that is either hot orhumid due to a heating equipment orsuch oris exposed to direct sunlight.



Forthe prevention of an injury, the product has to be fixed on the ground orwall safely according to the installation manual.

Precautions on use

This part contains matters that can result in an injury ora property damage. Please read and be fully aware of the contents forthe correct use of the equipment.



Do not place any equipments that generate strong magnetism (a large TV orspeaker) near the product.



Prevent water from coming in contact with the product during cleaning.



This product does not operate if a circuit breaker is shut down orin case of a blackout.



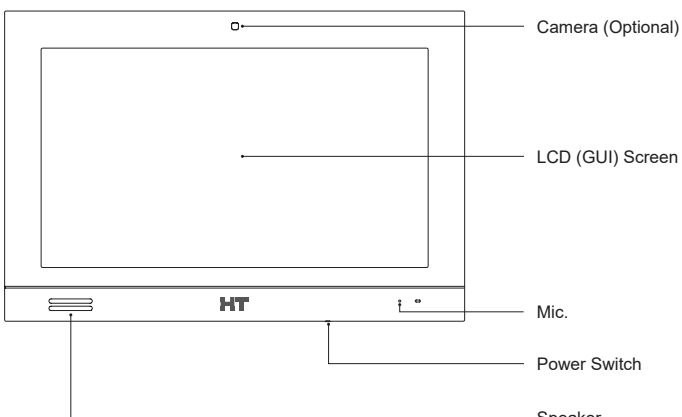
Do not leave the equipment in a place where water drops orsplashes.

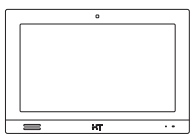


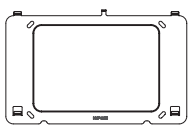
Please keep the Instruction Manual safely and, if moving to a new house, hand over the manual to the new owner of your house.

* When connected to the mains power, a protective earth must be connected.
* Electrical installation of building needs to be equipped with a bipolar main power switch where both poles have a contact separation of at least 3 mm orbigger and it acts as a mains disconnect device.
* When installed, it shall be provided with terminals in which connection is made by means of screws, nuts orequally effective devices.

External structure and components

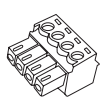



Main Unit 1EA


Wall Bracket 1EA



Manual 1EA


Door Lock Connector 1EA


Screw M4x25 4EA


Screw M3x8 1EA


RJ-45 Jack 4EA


FERRITE CORE 1EA

※ The actual display may be different according to functions.

02 How to use

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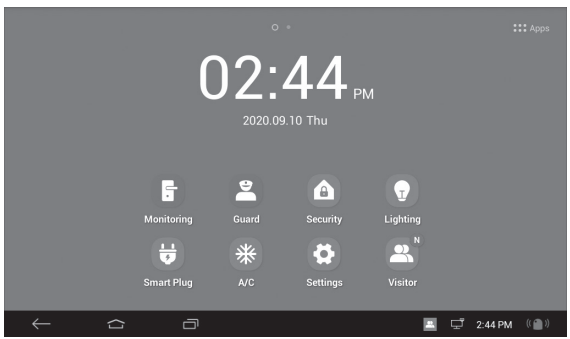
1. Home screen

This Screen consists of favorite Apps.
Tap the App to open.

Home menu

This Screen consists of favorite Apps. Tap the App to open. Favorite Apps may be different by optional.



Functions of each menu

Navigation keys	Functions
←	Going back to the previous screen.
⌂	Going to the Home Screen.
▭	Viewing recent Apps.
👥	Viewing notifications.
Swipe Left / Right	Switching between Home Screen and Function App Screen.
Swipe Up / Down	Switching between Home Screen and Apps list.
Apps	Switching to Apps list.
(( ))	Long tapping an icon to trigger an alarm.

1. Home screen

Time Information

It displays current time. If the system is connected to a network, it will automatically maintain the latest time information.

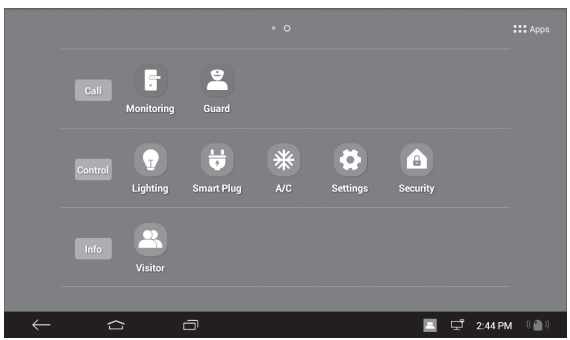
※ Local time can be set on [Settings] ➡ [Date & time] ➡ [Select time zone]

2. Function App Screen

This Screen consists of Call, Control and Information. Tap the App to open.

Function App Screen

This Screen consists of Call, Control and Information. Tap the app to open. Function Apps may be different by optional.

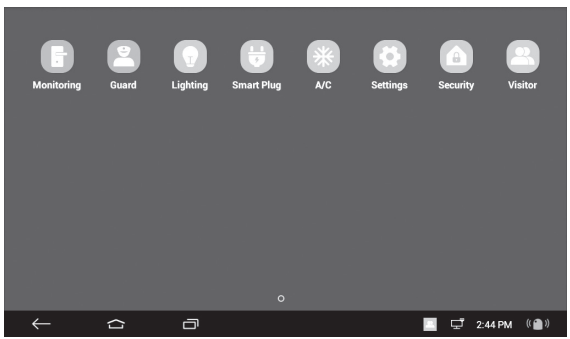


3. Apps List Screen

This Screen consists of all Apps in this wall pad. Tap the App to open.

Apps List Screen

This Screen consists of all Apps in this wall pad. Tap the app to open. All Apps may be different by optional.



Call option

1. Answering a door phone Call

It is a call between a wall pad and door phone.

Be careful while using door open function as there is a risk of a security problem due to user's mistake.

If you want to answer a door phone call

Tap the below icon to answer a call.
If you do not answer a call for 30 seconds, it will be ended automatically.



If you want to see the outside view of the door (door monitoring function)

Tap the below icon to see outside view.



If you want to end the answered door phone call (automatically ends in 3 minutes)

Tap the below icon to end a call.



Call option

1. Answering a door phone Call

It is a call between a wall pad and door phone.

Be careful while using door open function as there is a risk of a security problem due to user's mistake.

*Optional features are available only when such features are installed during construction.
The feature may change or not be available depending on connection methods or if connection is not possible.

If you want to open a door (optional)

Tap the below icon to open a door and the call is ended automatically.

Open ⇨ **Call ended**

If you want to record visitor's videos

While answering a door phone call, visitor's videos are recorded automatically.
Recording time is about 10 seconds and if you want to record the video more, Tap the below icon.

Recording

Recorded videos can be found in [Function App Screen] ➡ [Info] ➡ [Visitor]

2. Answering a lobby phone call

It is a call between a wall pad and a lobby phone.

Be careful while using door open function as there is a risk of a security problem due to user's mistake.

If you want to answer a lobby phone call

The wall pad rings and displays the video of the lobby.
Tap the below icon to answer a call. If you don't answer a call for 30 seconds, the call will be ended automatically.



If you want to end the answered lobby phone call (automatically ends the call in 1 minute)

Tap the below icon to end the call.



If you want to open a lobby door

Tap the below icon to open a door and the call is ended automatically.



2. Answering a lobby phone call

It is a call between a wall pad and a lobby phone.

If you want to record visitor’s videos

While answering a lobby call, visitor's videos are recorded automatically.
Recording time is about 10 seconds and if you want to record the video more, tap the below icon.

Recording

Recorded videos can be found in [Function App Screen] ➡ [Info] ➡ [Visitor]

3. Answering a guard phone call

It is a call between a wall pad and a guard phone.

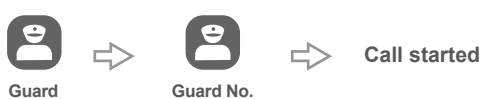
If you want to answer a guard phone call

The wall pad rings.
Tap the below icon to answer a call. If you don't answer the call for 30 seconds, it will be ended.



If you want to make a call to a guard phone

Tap the below icon.



If you want to end the answered guard phone call (automatically ends in 3 minutes)

Tap the below icon to end a call.

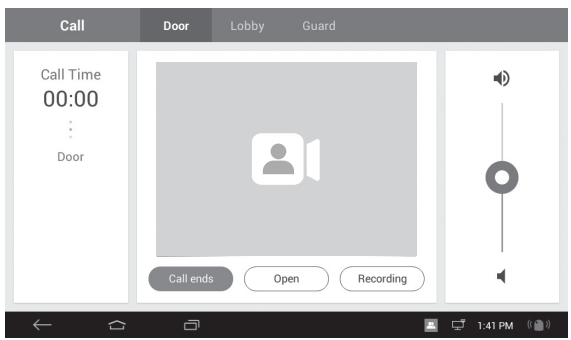


4. Volume Control

Adjust the volume.

Volume control

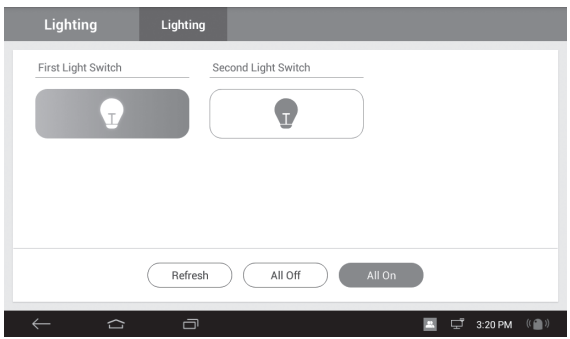
Adjust the volume by sliding the slider button on the right screen.



1. Lighting

Control connected lightings in a wall pad.
The number and name of the lighting may differ by a house.

Lighting control



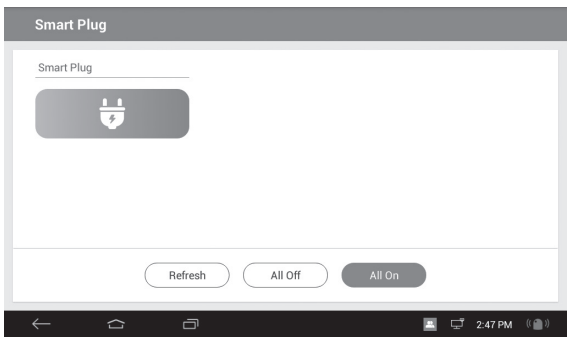
Functions of each menu

Menu	Functions
	It shows a current lighting status. Tap the icon to turn on and off.
Refresh	If the lighting status is changed, refresh the screen by tapping the icon.
All Off	Turn all the lights off.
All On	Turn all the lights on.

2. Smart Plug

Control connected smart plugs in a wall pad. The number and name of smart plug may differ by a house.

Smart Plug control



Functions of each menu

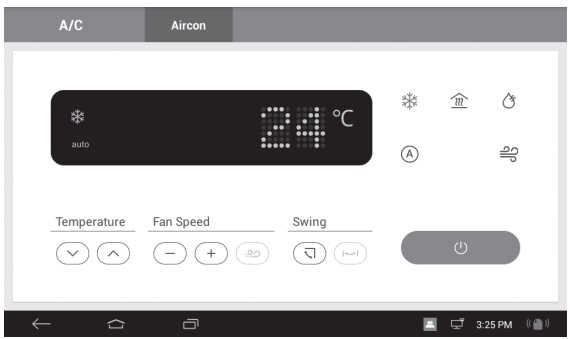
Menu	Functions
	It shows a current smart plug status. Tap the icon to turn on and off.
Refresh	If the smart plug status is changed, refresh the screen by tapping the icon.
All Off	Turn all the smart plugs off.
All On	Turn all the smart plugs on.

3. Air Conditioner

Control connected A/C.

*Some icons may not be supported by installed A/C model.

Air Conditioner control



Functions of each menu

Menu	Functions
	Turn A/C on or off.
	Select A/C mode.
Temperature	Adjust temperature.
Fan Speed	Adjust fan speed.
Swing	Adjust wind direction.

※ The actual display may be different according to functions.

4. Sound Settings

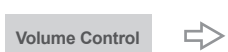
Adjust the sound/bell on the screen.

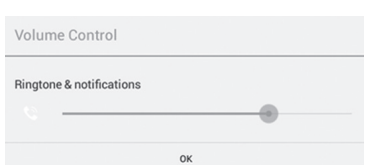
Tap the below icons to start Sound Settings.



Volume Control

Adjust volume by sliding the slider button. Tap **OK** icon to save.





Ringtone & notifications: Adjust ringtone and notification volume.

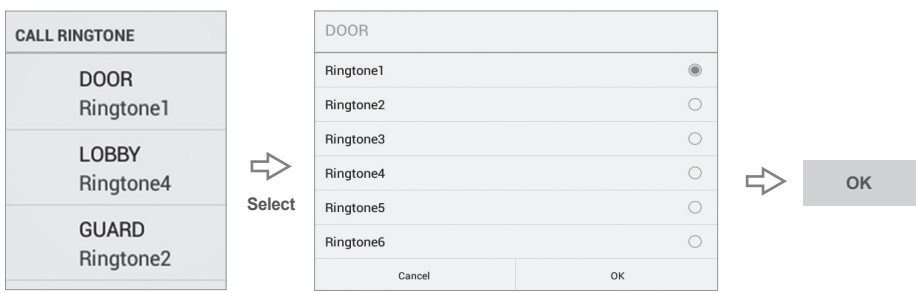
4. Sound Settings

Adjust the sound/bell on the screen.

Changing the Ringtone

Tap below icon to change the ringtone in the following order.

Tap **OK** icon to save the selected ringtone. If you don't want to change the ringtone, tap **Cancel** icon.



Tap a ringtone to hear a preview.

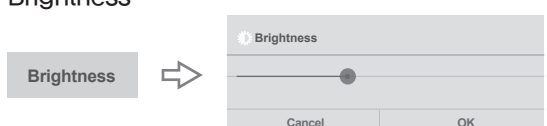
5. Screen Settings

Adjust screen settings.

Tap the below icon to start screen settings.



Brightness



Adjust brightness by sliding the slider button. Tap **OK** icon to save.

Sleep Mode Settings

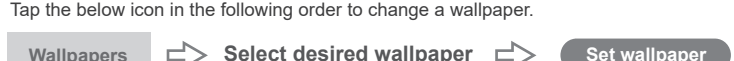
It is a power-saving mode to protect LCD screen and turns off the screen after certain period of time if there is no touch.

Sleep Mode can be set as 15sec, 30sec, 1min, 2min, 5min, 10min and 30min.
'No sleep mode' is not supported to protect the product.

Sleep
After 30 seconds of inactivity

Wallpapers Settings

Tap the below icon in the following order to change a wallpaper.



6. Home Settings

Connect to HT Home.

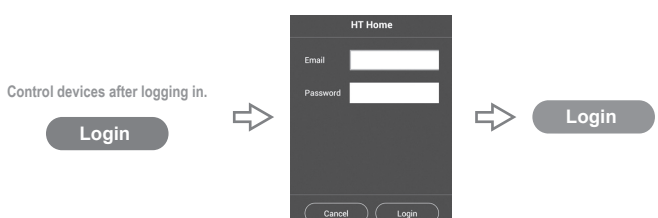
*If you do not log in, services are limited.

Tap the below icon to log in on HT Home App.



User Log in

Tap **Login** icon and enter registered E-mail and Password on HT Home App.
Once you log in, it will be maintained until you log out.



User Log out

If you want to log out, tap **Logout** icon. Once you log in, you will find **Logout** icon.



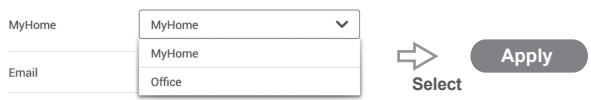
6. Home Settings

Connect to HT Home.

*If you do not log in, services are limited.

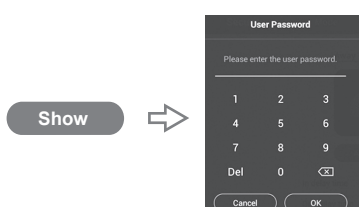
Select Home

Tap the below icon to select home to register the wall pad.
*You can see “MyHome” on your HT Home App.
When you log in, first "Home" is selected automatically.



Show the log in password

To see the hidden HT Home login password, tap the below icon and enter the user password of the wall pad. (Default setting is '0000'.)



Hide the log in password

Tap the below icon to hide HT Home log in password. (HT Home log in password is hidden at default. When you leave the screen and come back in, it will be hidden automatically.)



7. Date & Time Setting

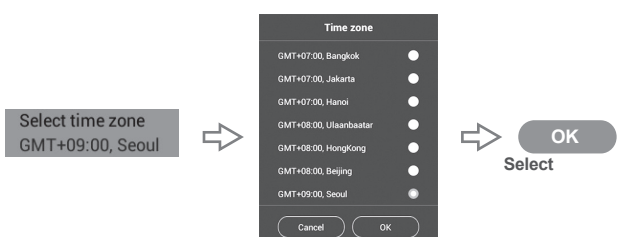
Select your time zone.

Tap the below icon to set date and time.



Changing Time Zone

The time zone will be changed if you proceed in the following order.
Date and time will be changed as per the selected Time Zone.



Changing displayed time format

Set the 24-hour format by ticking the box.

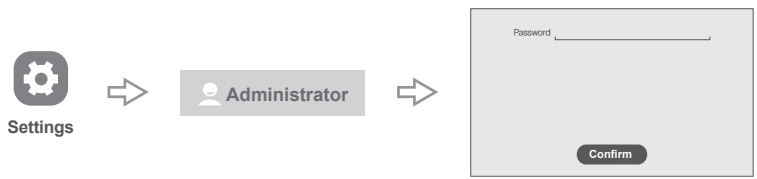


8. Administrator Setting

It is the screen for changing the Administrator Setting.

Changing the Administrator Setting may result in abnormal operation.

Tap the below icon to go into administrator mode.



Administrator Setting limits access by requesting an administrator password.
Changing the Administrator Setting may result in abnormal operation.

Security option

1. Before Use

Enabling or disabling of Away/Home mode and disabling of Security/Emergency Alarm require a password.
(Default setting is '0000'.)

Terms

Delay Time: It is the time you can return or exit home after setting Away or Home Security mode.
(Default: 30 sec.)

*It may not be supported by Security Policy. If the device version does not support, it shows 0 sec.

2. Classification of Security Functions

Away Mode

The alarm sounds if something is detected while away mode is on.

Home Mode

The alarm sounds if something is detected while home mode is on.

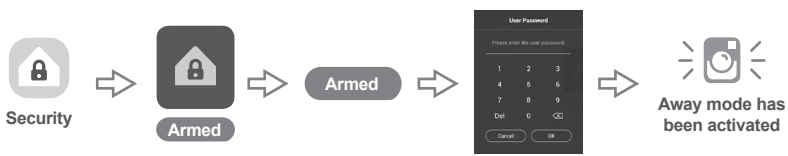
3. Away Mode

When you go out, set the system as Away Mode to monitor trespassing.
The system monitors outdoor and indoor areas.

If you do not leave the place within the preset time, it will be considered trespassing and notified to the security office.

How to configure Away Mode

Tap the below icon and enter the password then beep sounds which indicates a delay time.
Once the delay time expires, a voice "Away mode has been activated" is sounded, which means Away Mode is on.



- Once you close the entrance door, Away Mode will be activated after 7 seconds regardless of exit delay time.

How to deactivate Away Mode

When the entrance door opens during Away Mode, a password window appears and "Beep" sounds
*If the device doesn't support "in delay time" by Security Policy, alarm sounds.
When you enter a password, a voice "Away Mode has been inactivated" is sounded, which means Away Mode is off.
If another screen appears, tap the icon as below to go to a password pop up menu to deactivate Away Mode.



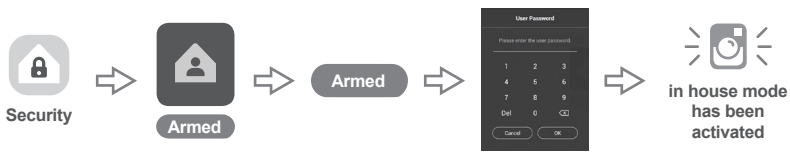
4. Home Mode

It is the security mode you can configure the system as Home Security Mode to monitor trespassing.
In Home Security Mode, doors of areas with sensors opening will generate alarms.

*Away and Home Security Mode activate/ deactivate and deactivating of Security/ Emergency Alarm require a password (default setting is '0000').

How to activate Home Mode

Tap the below icon and enter the password then a voice "In House mode has been activated" is sounded, which means Home Mode is on.



How to deactivate Home Mode

Tap the below icon and enter the password, then a voice "In House mode has been inactivated" is sounded, which means Home mode is off.
If another screen appears, tap the icon as below to go to a password pop up menu to deactivate Home Mode.



5. Entry/Exit Delay Time

It sets the time for users to set and deactivate security modes.

If you do not leave the place within the preset time, it will be considered trespassing and notified to the security office.

Entry Delay Time

It is the time until the alarm is sounded from the time the entrance door is opened to the time of which security is deactivated in Away mode.
It can be set from 30 seconds up to 5 minutes in 30 second units.



- It may not be supported by Security Policy. If the device version does not support, it shows 0 sec.

Exit Delay time

It is the time until the alarm is generated from the time Away Mode is set to the user leaving the premises. It can be set from 30 seconds up to 5 minutes in 30 second units.



6. Emergency

In case of emergency situation, press this icon more than 3 seconds.
Then, the alarm sounds on wall pad and Door Phone Camera.
Guard Phone is optional.

Emergency alarm

If you press the **emergency** icon on the right bottom of the Home screen more than 3 seconds, emergency alarm will be activated.



Deactivating of emergency alarm

Tap **Release** icon and enter the password. Then a voice "Emergency alarm has been inactivated" is sounded, which means Emergency Alarm is deactivated.

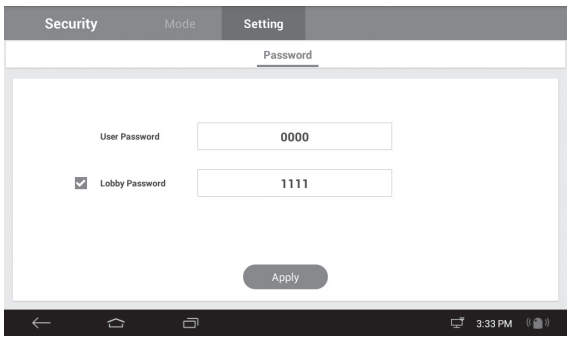


7. Setting – Change Password

You can change passwords related to security.

*Default user password is '0000.'

*Default lobby password is '1111'. (Default lobby password setting is 'Do not use.' You can activate it by ticking the box.)



Change User Password

You can change the user password required for security settings and other setting screens. The password can be entered up to 4 digits.

Change Lobby Password

You can open the lobby entrance door with a lobby password.
(The security office must allow entry using lobby password). The password can be entered up to 4~8 digits.

Apply After changing, **Apply** icon must be tapped to take effect.

※ The actual display may be different according to functions.

7. Setting – Change Password

The lobby entrance can be opened by using a password.

*Depending on the regulation of the complex, the password may not be able to enter other buildings in the complex.

Opening Lobby Entrance with Lobby Password

Tap a button as below to open the lobby entrance from the wall pad using the lobby password.

1. Building/Room Mode

Lobby wall pad # ⇨ Enter Building No. ⇨ # ⇨ Enter Room No. ⇨ # ⇨ Enter Password

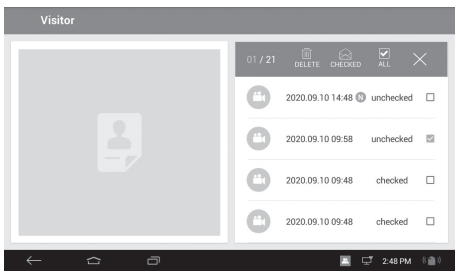
2. Room Mode

Lobby wall pad # ⇨ Enter Room No. ⇨ # ⇨ Enter Password

1. Visitor

View videos of visitors entering through the Door & Lobby.





Visitor videos

Visitor videos are automatically saved when calls are made from the door or lobby door.

If a certain number of videos are saved and the number is exceeded, they will be automatically erased starting from the oldest one.

All the videos will be erased at once if **ALL** is selected and **DELETE** is pressed.

It is also saved when the **[Recording]** icon is pressed on the door or the lobby screen, and you can see the recorded video on the current screen.

If there's a new visitor video, **NEW** will be marked on the list and it will disappear once it's checked.

If the option is a video, [Video] icon is displayed. The max record time is 10 seconds per item.

1. Visitor

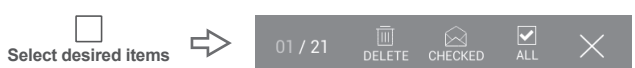
View videos of visitors entering through the Door & Lobby.

Playback

Tap this icon to play recorded video.
Once the video is played, NEW mark disappears.

Tap this icon to pause the playing video.

Selecting item



DELETE — Delete visitor videos.

CHECKED — Change the unchecked status as checked.

ALL — Tick the checkbox to select all.

About failure diagnosis and corrective measures

If this product does not operate normally, check the following points. If it still does not work normally even after a checkup, call the company's service center for an inspection.

When the screen of door phone is not clear

- Check if the protective window of the front door camera lens is stained.

When LCD screen is dark or bright

- Adjust the brightness referring to screen settings of control option section.

When the operating time is short after setting up the surveillance mode

- Adjust Entry/Exit delay time of security option section.

After setting up the surveillance mode, if the time for cancelling the surveillance mode is short when returning home

- Adjust Entry/Exit delay time of security option section.

03 Size and specification

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Main unit of HNF-I4102 Series

Classification		Specification
Power		AC100~220V / 50, 60Hz Adaptor (DC12V/2.5A)
Power Consumption		Energy saving: 9W or lower, Normal: 20W or lower, Maximum: 35W or lower
Call		Speakerphone call
LCD data	LCD	10" WIDE DIGITAL TFT-LCD, Color
	Angle of view	Top: 45° / Bottom: 65° / Left: 65° / Right: 65°
Service environment	Temperature	0℃ ~ 40℃
	Humidity	Below 90% (relative humidity)
Exterior	Size	266W X 178.7H X 13D(mm)
	Weight	Approx. 1.05kg
Installation		Flush mount type
Main Core Chipset		DSP A/V CODEC(Decoder & Encoder)
		Audio DSP
Processor		Embedded CPU
System Memory		Built-in 1GB higher
Storage Memory		Built-in 4GB higher
External I/O Interface		RS485 Serial Interface

*The power consumption of this unit may vary depending on the peripheral equipment.

*Please use the genuine AC adapter according to the product model (specification) because the usage power may be different depending on the model.

'HNF-I4102-H' is the model with the front Half Mirror Type glass.
('HNF-I4102' is the model applied general type glass.)

Memo

Product warranty

Warranty Conditions

HYUNDAI HT Products are supplied with _____ return to base warranty From the date of purchase, We will reqair or replace the defective item with a new or factory rebuilt replacement.

Condition

1. This warranty applies to the original purchaser only.
2. All warranty will be invalid if unauthorized repair or modification are made to the unit or in any case of accident, misuse, damage cause by improper installation and altered serial numbers.
3. The liability of **HYUNDAI HT** is limited to the cost of repar/ replacement of the unit under warranty.
4. If you need a warranty service, you should send the product to our customer service Dep't or dealer office. The product in all cases must be accompanied by the following items :
   Your name, address, telephone number, the serial number, copy of your sales receipt showing the purchase date.

The Model Number is on the box and front of the manual, The Serial Number is on the bottom of the unit, Record the Model and Serial Numbers in the spaces provided below, Refer to these numbers for warranty service.

Model No. _____ *Serial No.* _____

WEEE (Waste Electrical & Electronic Equipment)

Correct Disposal of This Product
(Applicable in the European Union and other European countries with separate collection systems)



This marking shown on the product or its literature, indicates it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contact. This product should not be mixed with other commercial wastes for disposal.

HYUNDAI HT Co., Ltd.

www.hyundaiht.co.kr
107, Yeouidaebang-ro,
Yeongdeungpo-gu, Seoul, 07433, Korea
(HYUNDAI HT Building, Shingil-dong)
Tel +82.2.2240.9234/9271

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