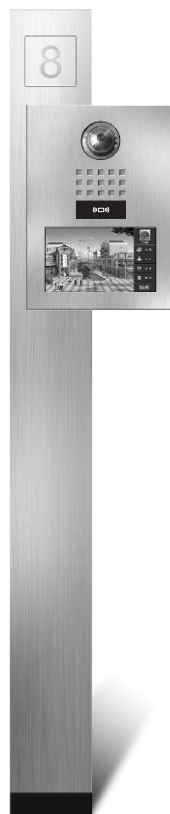


AH8000 DIGITAL SMARTHOME SYSTEM

PUBLIC TERMINAL

- ☐ AH8-S1VKC
- ☐ AH8-S8VKC-H102
- ☐ AH8-S9VKC-S1



User Manual

PREFACE

Thank you for purchasing the product in AH8000 Digital Smarthome System. Please read through this manual before installation and commissioning in order to facilitate your use of the product.

Our all-around aftersales services commence at the moment of your purchase.

The contents concerning the product functions and specifications herein are subject to change without prior notice. Welcome to our website for the latest information.

All the pictures in the manual are for illustration only and may not reflect actual products.

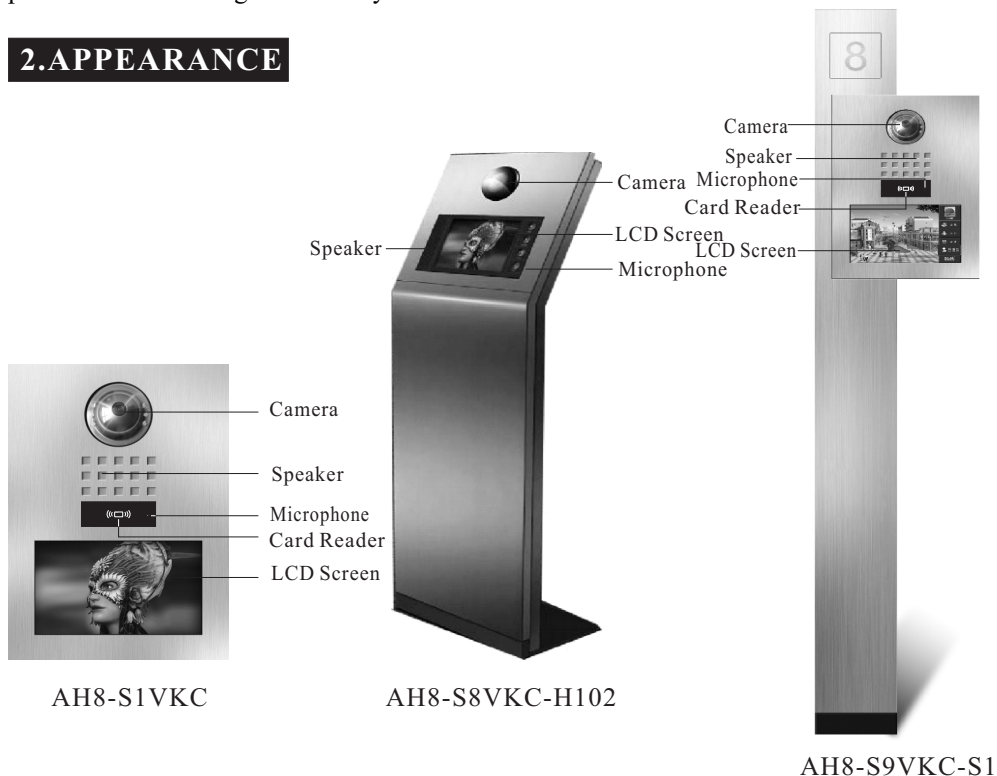
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1. OVERVIEW

Public Terminal AH8-S1VKC/S8VKC-H102/S9VKC-S1 is an end-user device in AH8000 Digital Smarthome System, featuring video intercom, MSG function, disarm home by card, event snapshot, card/PIN access and fuzzy recognition. It is an ideal intercom product for modern residential districts with its stable performance and high reliability.

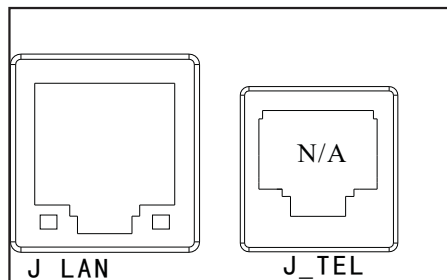
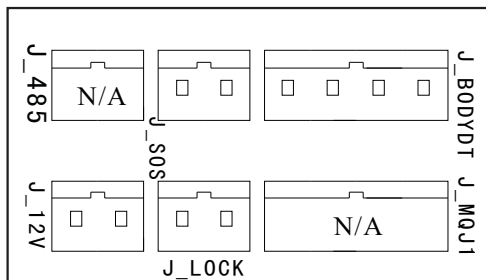
2. APPEARANCE



3. TECHNICAL SPECIFICATIONS

ITEM	AH8-S1VKC	AH8-S8VKC-H102	AH8-S9VKC-S1
Input Voltage	DC13.5V		
Working Current	800mA		
Screen	10.2" (16:9)		
Resolution	800×640 dots		
Operation	touch keys		
Network	10/100M LAN		
Ambient Temperature	-30℃～+70℃		

4. PORTS



NO.	PORT		CONNECT TO	WIRE		REFERENCE
1	J_12V	V+	Power Supply	RVV2×0.5	brown	power input (+)
2		V-			blue	power input (-)
3	J_LOCK	NO	E-lock	RVV2×0.5	brown	unlock signal output
4		COM			blue	
5	J_SOS	S+	Exit Button	RVV2×0.5	brown	/
6		S-			blue	
7	J_BODYDT	+5V	Induction Module	RVV4×0.5	brown	to human induction module
8		IN1			black	
9		IN2	Door Contact		yellow	door status signal input
10		GND			blue	
11	J-LAN	TCP/IP	Exchanger	Cat. 5	/	RJ45 port

5. ICONS



: access with PIN



: make calls to resident



: call the admin for help



: access system settings

0-9: numeric keypad

#: enter; *:backspace/exit

A-H: represent 01-08

Letter	A	B	C	D	E	F	G	H
Number	01	02	03	04	05	06	07	08

e.g.: To reach someone in Apartment 0206,
 method1: enter "BF#"; method2: enter "0206#";
 method3: enter "B06#"; method4: enter "02F#".

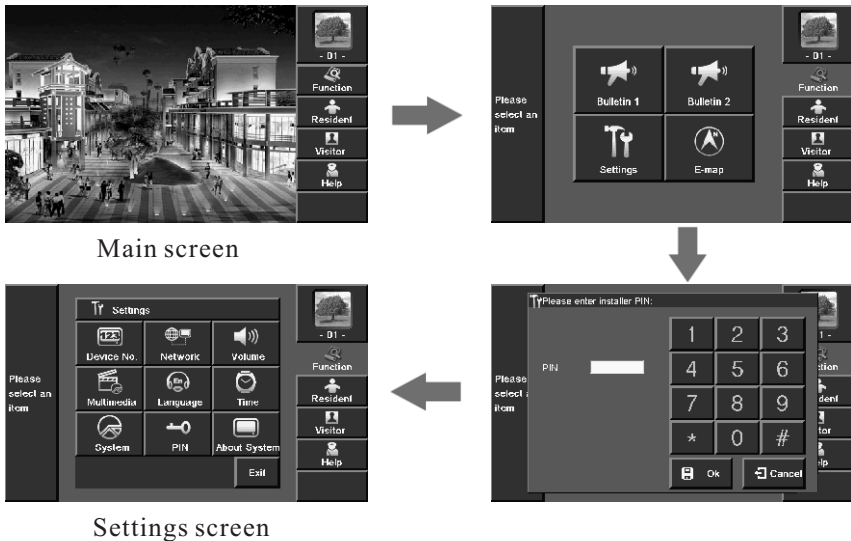
6.SETTINGS

* The system will restart after saving the settings!

6.1 Access the Settings Screen

On the Main screen , tap **Function** and then **Settings**. Enter the installer PIN (default: 123456) , then tap **OK** to enter the Settings screen.

*If Public Terminal is in the standby mode, it will display the Main screen when someone approaches it ($\leq 6m$). (For the function, body induction module is required.)



6.2 Device No.

Tap **Device No.** on the Settings screen.



- 1) **Stairway No.:** enter the length (1-9) of Stairway No. (Building No.+ Riser No.)
e.g., Building No.=25(2 digits), Riser No.=12(2 digits) -> Stairway No.=2512(4 digits)

- 2) **Apartment No.:** enter the length (3-4) of Apartment No. (Floor No.+ Room No.)
e.g., Floor No.= 25(2 digits), Room No.=01(2 digits) -> Apartment No.=2501(4 digits)
- 3) **Activate Riser No.:** check this item for a multi-riser building
Riser No. : enter the length (1-2) of Riser No.
- 4) **Secondary/Primary:** check the **Secondary/ Primary** item to set Public Terminal to be Secondary Entry Terminal/Primary Entry Terminal
- 5) **Device No.:** enter the Device No. of Public Terminal
A. Secondary Entry Terminal: Device No.=Stairway No. + ID No. (ID No. is used for identifying each Secondary Entry Terminal in a riser, varying from 0 to 9 (Main Secondary Entry Terminal: 0 ; Sub Secondary Entry Terminal:1-9)
B. Primary Entry Terminal: Device No. =01-41
- 6) Tap **Save** to save your settings. To exit it, tap **Exit**.
*The system will restart after saving the settings.

6.3 Network Parameters

Tap **Network** on the Settings screen to set the following parameters.

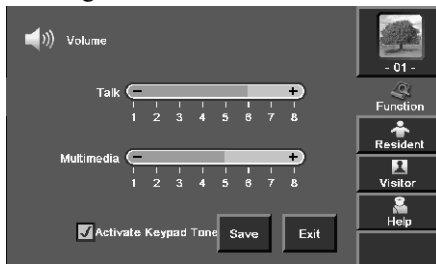
- 1) **Device IP :** enter the IP address of Public Terminal (e.g.,192.168.8.10)
- 2) **Subnet Mask:** enter the subnet mask (e.g.,255.255.255.0)
- 3) **Gateway:** enter the IP address of gateway (e.g.,192.168.8.254)
- 4) **Admin(1-3) IP:** enter the IP address of Admin Unit(1-3)
- 5) **Server IP:** enter the IP address of Center Server (e.g.,192.168.0.110)
- 6) **Platform IP/RTSP Server:** default address (settings not required)
- 7) Tap **Save** to save your settings. To exit it, tap **Exit**.

Note: # — Tab * — Backspace

6.4 Volume

6.4.1 Talk volume

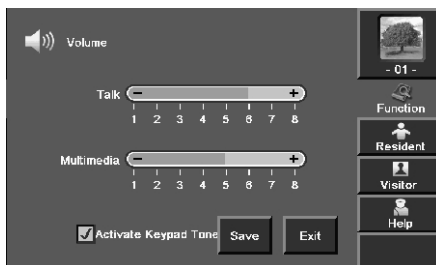
Tap **Volume** on the Settings screen.



- 1) **Talk** : tap +/- to adjust the volume.
- 2) Tap **Save** to save your settings. To exit it, tap **Exit**.

6.4.2 Multimedia volume

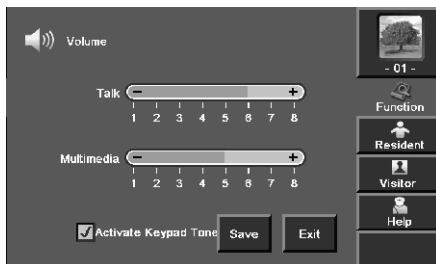
Tap **Volume** on the Settings screen.



- 1) **Multimedia** : tap +/- to adjust the volume.
- 2) Tap **Save** to save your settings. To exit it, tap **Exit**.

6.4.3 Keypad tone

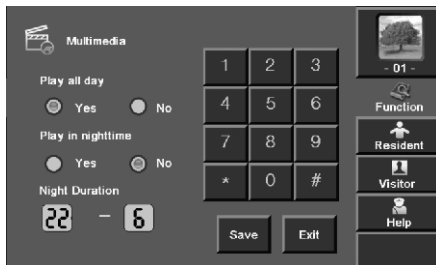
Tap **Volume** on the Settings screen.



- 1) **Activate Keypad Tone**: check/uncheck this item to activate/deactivate keypad tone.
- 2) Tap **Save** to save your settings. To exit it, tap **Exit**.

6.5 Multimedia

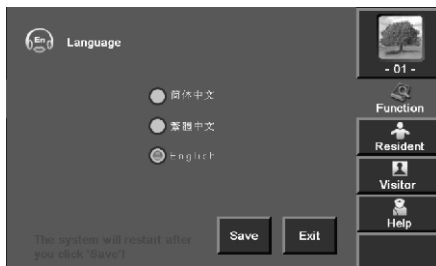
Tap **Multimedia** on the Settings screen.



- 1) **Play all day**: choose **Yes/No** to activate/deactivate Multimedia Play all day if the Public Terminal is not in the standby mode and the system is idle
- 2) **Play in nighttime**: choose **Yes/No** to activate/deactivate Multimedia Play in nighttime (the volume is lower than normal)
- 3) **Night Duration**: enter beginning time & ending time (for **Play in nighttime**).
- 4) Tap **Save** to save your settings. To exit it, tap **Exit**.

6.6 Language

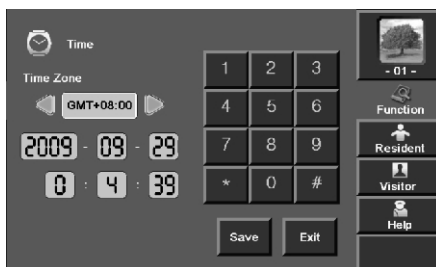
Tap **Language** on the Settings screen.





- 1) **Language**: choose a language.
- 2) Tap **Save** to save your settings. To exit it, tap **Exit**.
*The system will restart after saving the settings.

6.7 Time

Tap **Time** on the Settings screen.



- 1) **Time Zone:** tap “”/“” to select your time zone
- 2) **Date & Time:** enter the date in the format of Year–Month–Day; the time in the format of Hour: Minute: Second
- 3) Tap **Save** to save your settings. To exit it, tap **Exit**.

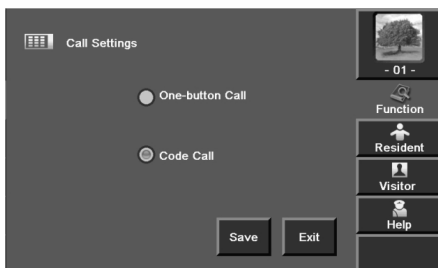
6.8 System Parameters

Tap **System** on the Settings screen to set the following parameters.



6.8.1 Call settings

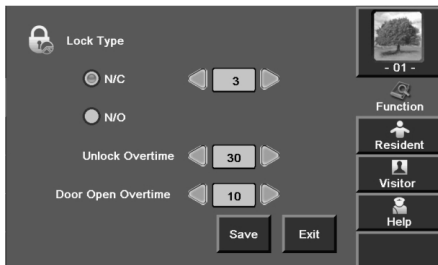
Tap **Call Settings** to select a call method.





- 1) **One-button Call:** make calls by tapping resident’s name on the Directory
- 2) **Code Call:** make calls by entering apartment number
- 3) Tap **Save** to save your settings. To exit it, tap **Exit**.

6.8.2 Lock settings

Tap **Lock Settings** to set lock parameters.



- 1) Select N/C or N/O according to the type of the lock.
- 2) If selecting N/C, you need to set the unlock time (seconds) with “” / “”.

- 3) Set the **Unlock Overtime/Door Open Overtime** respectively with“  ” / “ ” .
- 4) Tap **Save** to save your settings. To exit it, tap **Exit**.

Unlock Overtime: a period of time (0-99 seconds) from receiving unlock signal to opening the door. Opening the door beyond this period will trigger the Force Open Alarm and alert the admin.

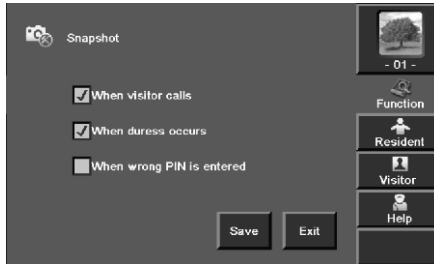
Door Open Overtime: a period of time (0-99 seconds) from receiving unlock signal to closing the door. Door remaining open beyond this period will trigger the Unclosed Door Alarm and alert the admin.

The functions are unavailable unless the following conditions are gratified:

- 1) Public Terminal shall be equipped with door contact or similar sensor;
- 2) Unlock/Door Open Overtime you set shall be longer than the unlock time of lock itself.

6.8.3 Snapshot

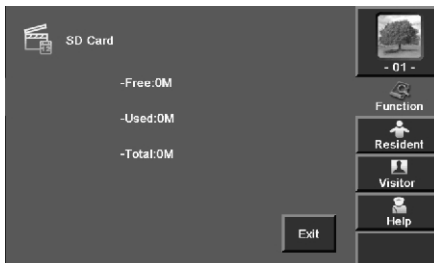
Tap **Snapshot**.



- 1) **When visitor calls:** enables the built-in camera to take pictures when visitor calls
- 2) **When duress occurs:** enables the built-in camera to take pictures when duress occurs
- 3) **When wrong PIN is entered:** enables the built-in camera to take pictures when a wrong PIN is entered
- 4) Tap **Save** to save your settings. To exit it, tap **Exit**.

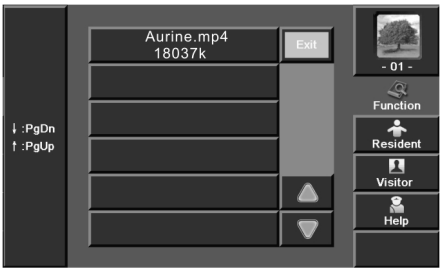
6.8.4 Memory card

Tap **Memory Card** to view the memory card information.



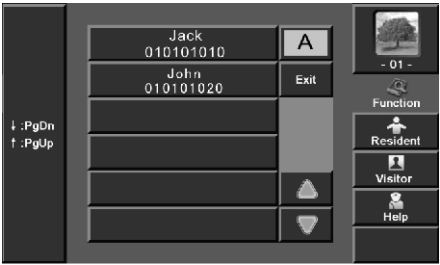
6.8. 5 Media file

Tap **Media File** to view all media files stored on the Public Terminal.



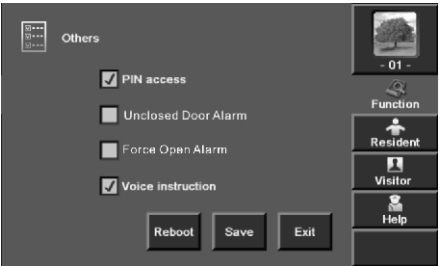
6.8.6 Directory

Tap **Directory** to view the names of residents.



6.8.7 Other functions

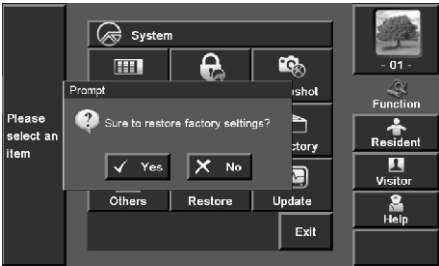
Tap **Others**.



- 1) Check/uncheck the item(s) to activate/deactivate the corresponding function(s).
- 2) To restart the system, tap **Reboot**.
- 3) To save your settings, tap **Save**. To exit it, tap **Exit**.

6.8.8 Restore

Tap **Restore** to restore the factory settings .



6.8.9 Update online

Tap **Update** to update the software of the device online.

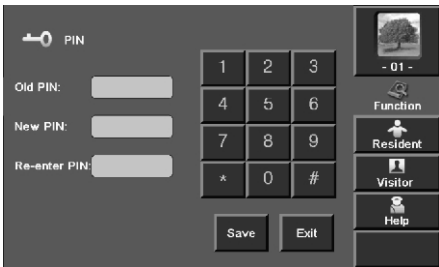


This function is unavailable unless the following conditions are gratified:

- 1)The system shall be equipped with the Center Server ;
- 2)The update management software shall be installed on the Center Server ;
- 3)Stable connection between Public Terminal and Center Server shall be guaranteed.

6.9 Installer PIN

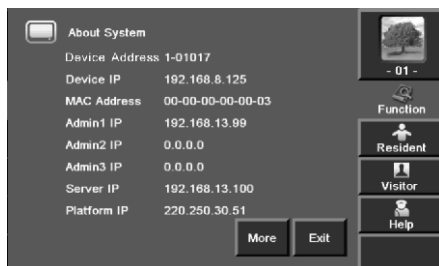
Tap **PIN** on the Settings screen to change the installer PIN.



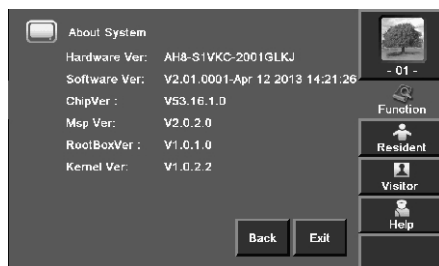
- 1) **Old PIN:** enter the old PIN (default: 123456)
- 2) **New PIN:** enter a new PIN
- 3) **Re-enter PIN:** enter the new PIN again
- 4) Tap **Save** to save your settings. To exit it, tap **Exit**.

6.10 About System

Tap **About System** on the Settings screen to view the system information.



- 1) **More:** tap **More** to view more information



- 2) Tap **Back** to view the previous page; tap **Exit** to exit the viewing.

Icons:

- 1) / : for entering number
- 2) ☒ / ☐ : activate / deactivate
- 3) ☒ / ☐ : activate / deactivate
- 4) / : down / up
- 5) / : down / up

7. OPERATION

7.1 Online/Offline Indicator



Online/Offline
Indicator

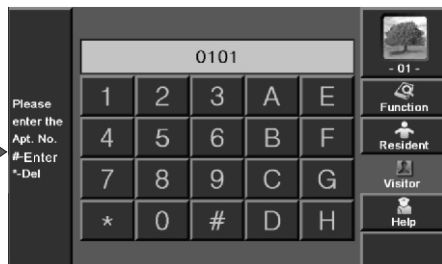


- 1) in grey: offline (please check the network)
- 2) in white: online

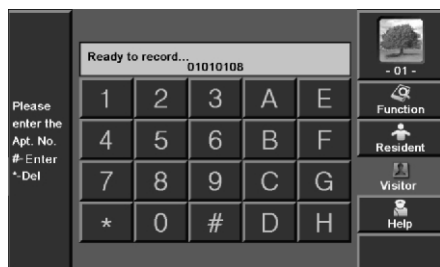
7.2 Call a Resident

7.2.1 Code call (call by entering apartment number)

- 1) Tap **Visitor** on the Main screen.

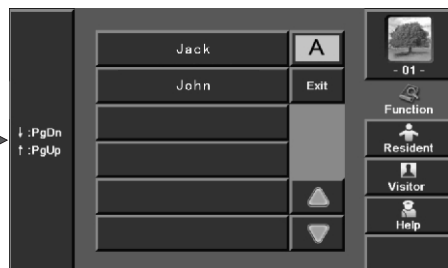


- 2) Enter the apartment No. and “#” to make a call. To cancel it, tap *. (The length (3/4) of apartment No. can be set by installer. For example, the apartment No. of Room 1 on Floor 1 can be 0101 or 101.)
- 3) A talk (≤ 90 seconds) may start when the “Talking(s)...”text appears on the screen. To end the talk, tap **HANG UP**.
- 4) When a visitor call made on Public Terminal is not answered for 60 seconds:
 - A) it will be automatically terminated;
 - B) or you may leave a message if the text “Ready to record...” and the voice instruction occurs. To end the message, tap **HANG UP**.



7.2.2 One-button call

1) Tap **Visitor** on the Main screen.



2) Tap the resident's name on the Directory.

3) A talk (≤ 90 seconds) may start when the "Talking(s)..." text appears on the screen.

4) To end the talk, tap the resident's name again.



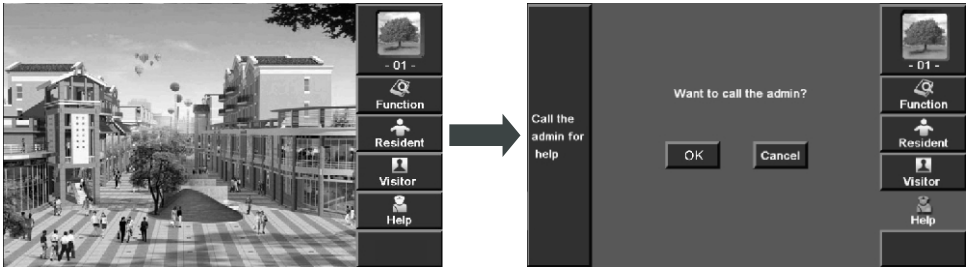
7.3 Access with PIN

1) Tap **Resident** on the Main screen.

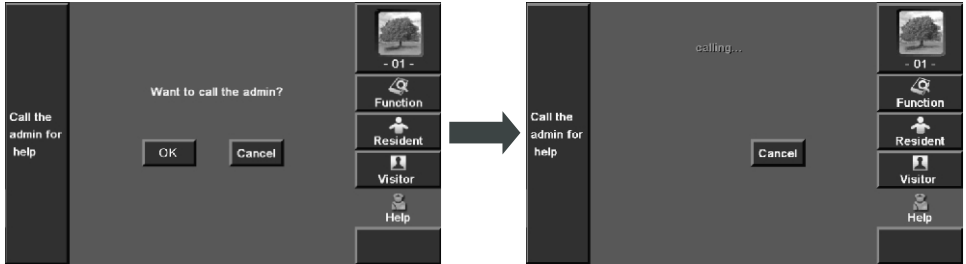
2) Enter an Apartment No. + unlock PIN. (e.g.: 010112345, "0101": Apartment No., "12345": unlock PIN)

7.4 Call the Admin

1) Tap **Help** on the Main screen.



2) Tap **Yes** to call the admin.



3) A talk (≤90 secs) may start when the “Talking(s)...” text appears on the screen.
* Tap **Cancel** to cancel a call or end a talk.

7.5 Duress PIN

Duress PIN is unlock PIN plus 1. If the unlock PIN ends with a 9, such that would result in carrying a 1 to the ten’s place, subtract 10 after adding 1 to obtain the duress PIN (e.g. $56789+1=56790=>56790-10=56780=$ duress PIN).

When under duress, you may enter the duress PIN on Public Terminal to send SOS signal to the admin.

7. 6 Use of IC Card

7. 6. 1 Resident card

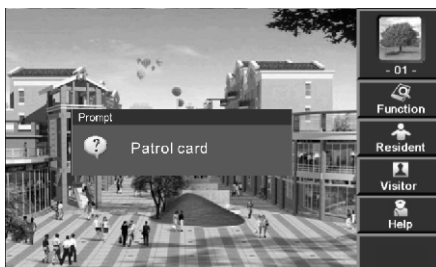
Present a registered resident card to the card reader, then the Public Terminal will display “Welcome home!” with the gate released.



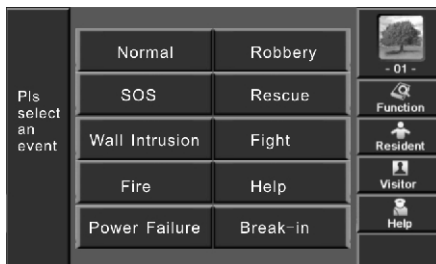
7.6.2 Patrol card

Present a registered patrol card to the card reader:

- 1) If the Patrol Events function has not been activated on Center Server, it will display **Patrol card** on the screen :



- 2) If the Patrol Events function has been activated on Center Server, the list will appear as follows . Select an event according to the situation to register it on the Admin Unit and Center Server if the Public Terminal remains in communication with them. (The event type should be set previously on Center Server.)



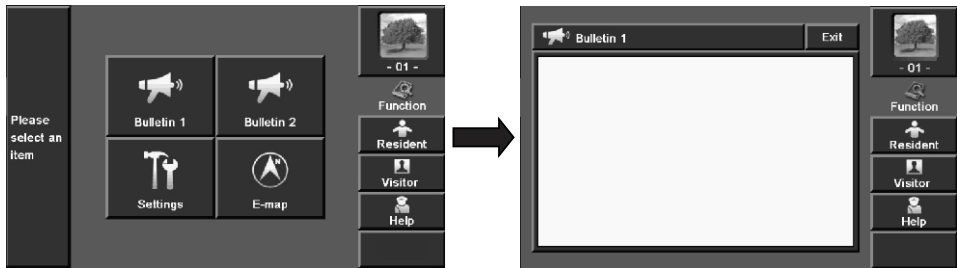
* **“Invalid card” will be displayed on the screen if an illegal card is presented.**



7.7 View Bulletin

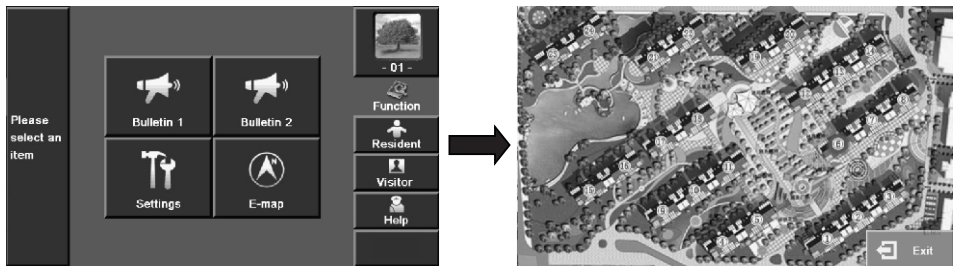
Tap **Function** on the Main screen, then **Bulletin 1** or **Bulletin2** to view its content.

*Bulletins are released from the Center Server and the latest two are displayed.



7.8 E-map

Tap **Function** on the Main screen, then **E-map** to find your location.



- 1) Locate your destination and find the shortcut.
- 2) Tap **Exit** to exit the E-map.

8.DIMENSIONS

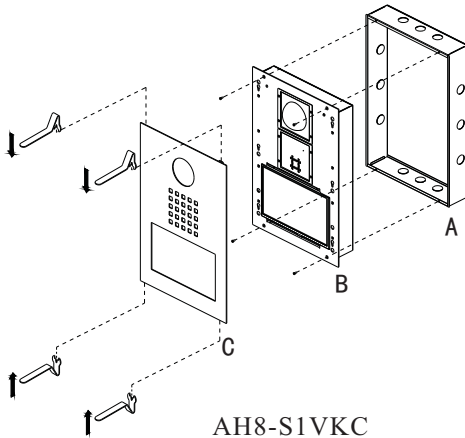
unit: mm

MODEL	INSTALLATION	DEVICE (W×H×D)	EMBEDDED BOX (W×H×D)	BASE (W×D)
AH8-S1VKC	flush mount	300×450×67	291×432×70	/
AH8-S8VKC-H102	floor mount	400×1250×260	/	400×250
AH8-S9VKC-S1		165×1665×187	/	165×187

Note: The depth of AH8-S1VKC/S9VKC-S1 excludes the camera dome.

9. INSTALLATION

9.1 Flush Mount



AH8-S1VKC

9.2 Floor Mount

- 1) Choose a proper installation location which can be a flat cement, marble or steel plate surface able to withstand the weight of the device. Embed the tubing(s) and wires. The wires should go through the center of the base into the tubing(s).
- 2) Paste the installation diagram (1:1) onto the surface, and mark out 4 installation spots for the bolts.
- 3) Drill 4 holes, and fix the expansion bolts into the ground.
- 4) Mount the Public Terminal and tighten the screws.

10. WARNING & STATEMENT

- The installation and commissioning of this product should be carried out by professional installers for its proper performance.
- Please follow the instructions to install this product and ensure the correct wiring of the whole system before power on.
- In case an abnormal situation occurs, power should be cut off immediately to avoid unnecessary loss.
- Should there be any malfunction concerning this product, please contact our aftersales service center. Unauthorized dismantling is strictly prohibited.

QUALITY CERTIFICATE

MODEL _____

QC _____

MFS0403E
V130417