COMMAX
Smart Home Security

User Manual

CIOT-700ML

COMMAX Co.,Ltd.

- Thank you for purchasing COMMAX products.
- Please carefully read this User's Guide (in particular, precautions for safety) before using a product and follow instructions to use a product exactly.
- The company is not responsible for any safety accidents caused by abnormal operation of the product.

Contents

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🎁 Safety Warning & Caution
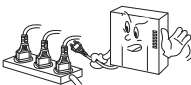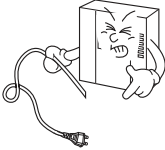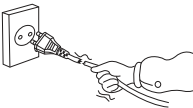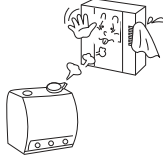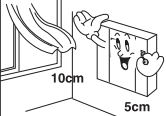
Please follow the things described below in order to prevent any danger or property damage.

⚠️ **Warning** — It may cause a serious damage or injury if violated.	🚫 Prohibition.
	🔧 No disassembly
	✋ No touch
⚠️ **Caution** — It may cause a minor damage or injury if violated.	❗ Must follow strictly.
	🔌 Shows plugging out the power cord without an exception
	⚡ Shows the warning and caution for an electric shock.
	🔥 Shows the warning and caution for a fire.

⚠️ Warning

Power & Installation

Please don't use several products at the same time on one power socket.
· It may cause a fire due to an abnormal overheating.

Prohibition   Fire

Please don't bend the power cable excessively or it may cause an electric shock.
· fire when using a damaged power cable.

Prohibition Electric shock   Fire

Please don't handle the power cable with a wet hand.
· It may cause an electric shock.

Prohibition   Fire

Please plug out the power cable from the socket when not using it for a long period of time.
· It may shorten the product lifespan or cause a fire.

Request   Fire

Please don't install the product in the place where there is much oil, smoke or humidity.
· It may cause an electric shock or fire.

Prohibition Electric shock Fire

Please don't install the product with the lightening and thunder.
· It may cause an electric shock or fire.

Prohibition Electric shock Fire

Please don't use and connect this product with other products with different rated voltage
· It may cause a disorder or fire.

Prohibition   Fire

When installing the product that generates heat, please install the product away from the wall (10cm) for the ventilation.
· It may cause a fire due to the increased internal temperature.

10cm   5cm

Prohibition   Fire

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⚠ Warning

Cleaning & Use

Please don't disassemble, repair or rebuild this product arbitrarily (please contact the service center if a repair is needed.
· It may cause an electric shock or fire.

No disassembly

Electric shock   Fire   Unplug

If an abnormal sound, burning smell or smoke is coming out of the product, please plug out the power cable and contact a service center.
· It may cause an electric shock or fire.

Electric shock   Fire

Please don't insert any metallic or burnable materials into the ventilation hole.
· It may cause an electric shock or fire.

Prohibition   Electric shock   Fire

Please use only the designated batteries for the products of using DC power.
· It may cause an electric shock or fire.

＋   －

Request

⚠ Caution

Power & Installation

Please plug the power cable firmly into the inner end
· It may cause a fire.

Request   Fire
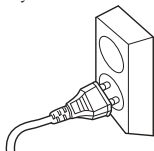
Please hold the plug tightly when unplugging the power cable (a part of the copper wire may be disconnected if the grabbing is only made on the cord when pulling out the cable).
· It may cause an electric shock or fire

Request   Electric shock   Fire

When connecting the power cables after cutting the cable, please install the product with power off
· It may cause an electric shock or fire

Request   Electric shock   Fire
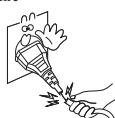
When installing the product, please fix it firmly while using the wall-mounting unit and screws.
· It may cause an injury from the falling object.

Request

Please be careful when using an AC circuit breaker since there is a possibility of an electric shock.

Request   Electric shock
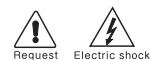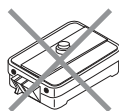
Please check the use voltage and current for the DC-only products and use the appropriate rectifier.
· It may cause a fire.

Request   Fire

Please avoid direct rays of the sun or heating devices at a time of installation.
· It may cause a fire.

Request   Overheating   Fire

Please don't install the product on an unstable place or small support board.
· It may cause an injury if it falls down while in use.

Request

Cleaning & Use

When cleaning the product, please rub it with a soft and dry cloth after plugging out the power cable. (Please don't use any chemical products such as wax, benzene, alcohol or cleanser.)

Prohibition

Please don't drop the product on the ground and don't apply a shock .
· It may cause a failure.

Prohibition
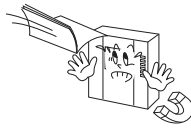
Please use the designated connection cable within the maximum calling distance designated for the product
· It may reduce the product performance.

Request

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Start

1 Main function

Function	Description
COMMAX Widget	Display of widget type such as today's weather, indoor temperature and humidity, smart plug electricity amount, absence information
Login and Membership	User subscription and login to use UC and Cloud
COMMAX launcher	Support for space control / editing / addition to the main screen and main functions (weather, quick menu, household device information, individual device control)
Apps	Show all apps that are registered in the wall-pad
Door call / recording	Video call with IP door and recording function through IP network
House to call	Call between household and another household through IP network
Lobby call / recording	Video call to lobby and recording function by IP network
Guard call	Voice call to guard station by IP network
Call list	Checking the call list and recorded video of lobby phone and IP Door
CCTVlive view/ recording	Real-time and CCTV video monitoring service
Fucntion to display and record multiple images on two or more monitors
COMMAX Setting	IP and various environce setting for lobby call and system operation
Mobile call	Calls to mobile phones login ID same as wallpad
Cloud server	Wall pad control by smartphone through cloud server
Notification	Fuction to notify emergency from your house
	to mobile phone

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- Interlocked mobile phone
  (Smart devices are compatible with Android OS (4.4.1 or later), iOS (8.0 or later)

OS	Resolution	Mobile phone
Apple	1136x640	iPhone5s
	1920x1080	iPhone6
	1334x750	iPhone6s
	1920x1080	iPhone6 Plus
	1334x750	iPhone7
Android	1920x1080	Nexus5x
	2048x1536	Nexus9
	2560x1440	Galaxy Note 4
	2560x1440	GalaxyS5 edge
	1920x1080	GalaxyS4
	2560 x 1440	LG G3 cat6
Total		11ea

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● CIOT-700ML
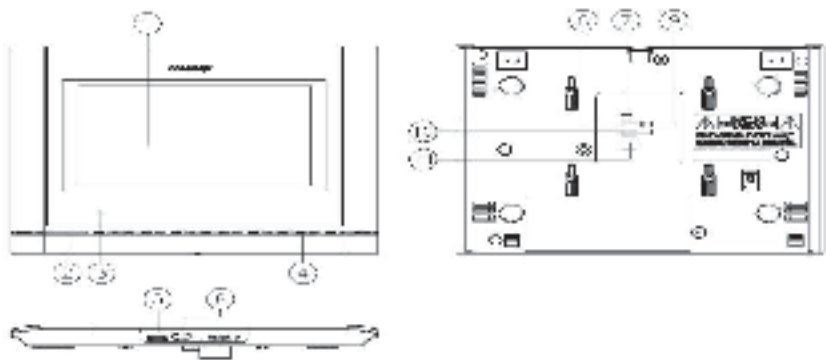
No.	CONTENTS	No.	CONTENTS
1	Touch screen	6	T-FLASH
2	SPEAKER	7~10	Not Use
3	POWER LED	11	POE-(LAN)
4	MIC		
5	POWER S/W		

Basic Screen Configuration
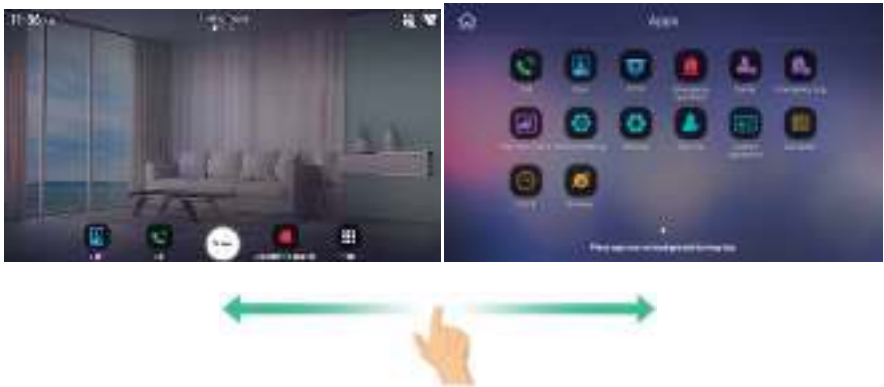
The moving of screen for using scrolling

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The screen change

The navigation bar of home screen bottom
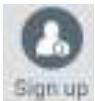
	Go to home screen		Go back
	Volume control		

Go to Setting

Home screen bottom setting bar

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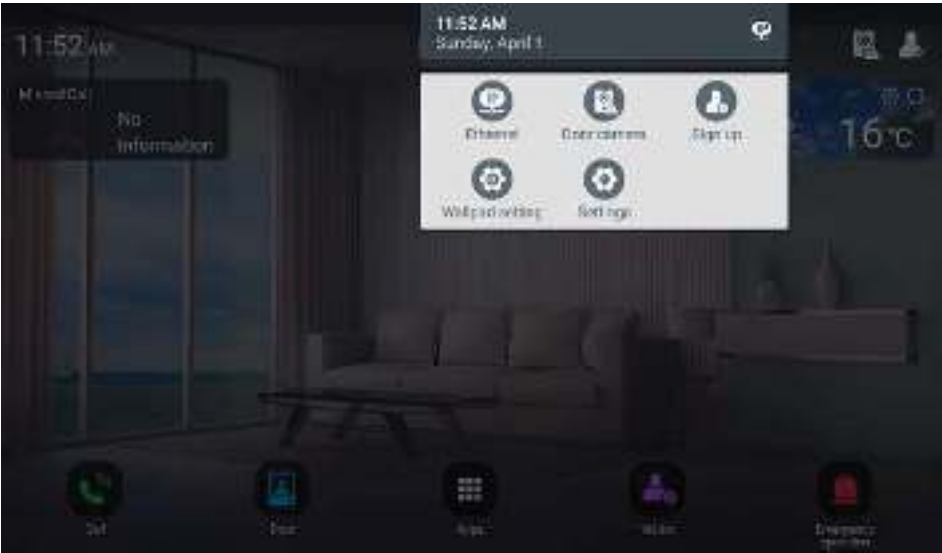
IPsetting	Go to wired network IP setting	
Door registration	Go to IP Door Camera registration	
User registration	Go to user registration	
Wall pad settings	Go to wall pad setting	
OS setting	Go to OS setting	

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2 Home Screen

Home Area

	View the door camera	View the door camera
	dial	Dial key for call
	Device status	Door, network, membership status display * Icons is displayed during abnormal operation
	all Apps	All App list
	Emergency button	User Emergency button

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2.1. Editing a space list

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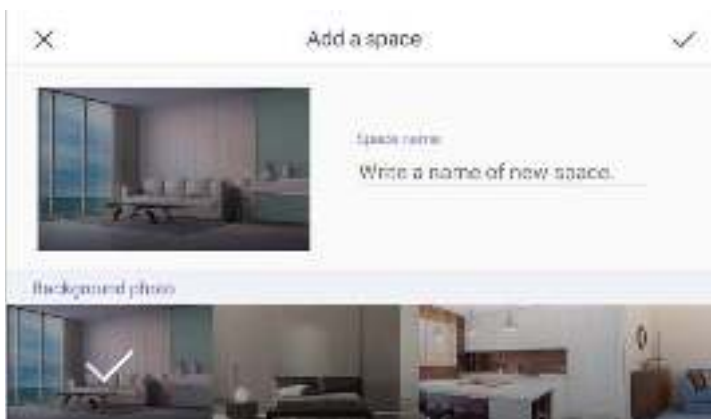
2.2. Widget Area

1) Provide a summary of our home environment and external environment information at present..

2) Press empty space on background screen for one second.

3) Press widget .

4) Select and drag the widget you want to display on the background
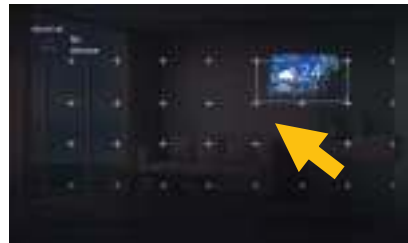
5) To delete a widget, press the widge tlonger and move it to the upper trash.

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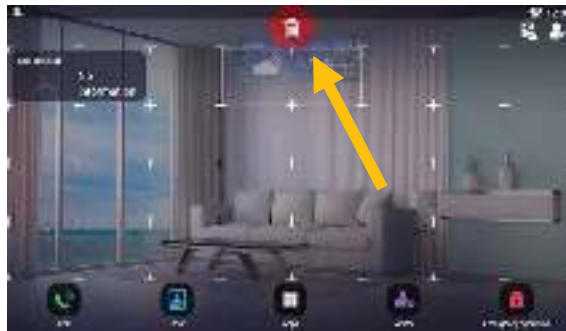
3 Application

3.1. Interphone

3.1.1. Screen Layout

Call connection screen
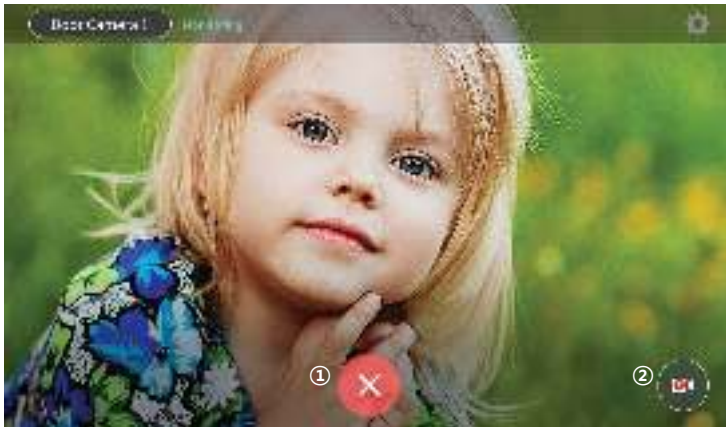
[Monitoring Screen]

1) Press ① button to end the door monitoring.
2) Press ② button to save video.

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Call connection screen"
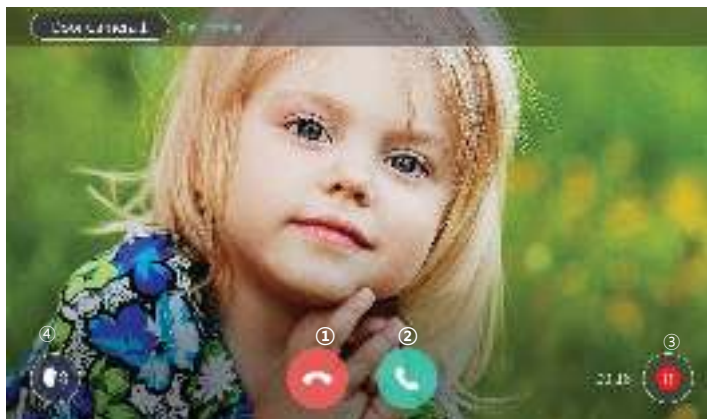
[Call connection Screen]

1) ① End call.
2) ② Start Call / Open Door
3) ③ Save video
4) ④ Adjust call volume

3.2. Door entrance

Monitor and call from door camera
1) Click on the door entrance icon in the Quick Menu.
2) You can monitor the door entrance by pressing the 'door entrance' button.
3) To cancel monitoring, click the 'Cancel' button.
4) When you press the bell on the door camera, the call screen appears..
5) To end the call, press the "End call" button.

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Open the door

1) When the call comes in and the call button is pressed, the door open button appears.

2) Press the door open button to open the door.

Saving the image of our house / common entrance visitor

1) When you press the save video button during a call, the icon changes to 🔴 and video recording starts.

2) Once you click the save button again, the image will be saved.

Get a call on door camera

1) When you receive a call, the bell sound and visitor screen are displayed on the screen.

2) Press the (Talk) button to connect the call and press the "Reject" button to hang up.

3) To stop during a call, press the "Exit" button.

4) If you receive calls from two or more during the call, the screen will appear on the upper left corner and you will be connected immediately when you click on the screen..

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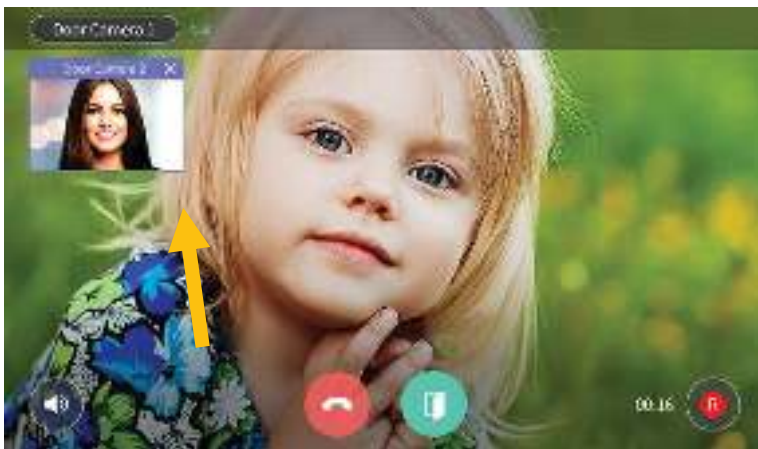
Call house

1) Press dial on background .
2) You can call by entering the number of builidng and household or pressing the button of guard station and office

3.3. Call Log
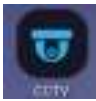
[Display for Call log]

Using Call Log

1) When you click icon at the top of screen, you can delete the call log.

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3.4.   Security

	CCTV monitoring	CCTV monitoring and save the image
	Occur emergency	Occur emergency on urgent situation

3.4.1.   Security

 Occur emergency
Detect emergency

The emergency has been activated by users or sensors automatically. Emergenc y situation will be operated with 3 steps(Occur → Stop → Restore).

3.4.2.   Occur emergency

1) You can activated the emergency for clicking the emergency button. Also it can be orpeated by sensors automatically.
2) The siren will be activated and display the emergency icons.
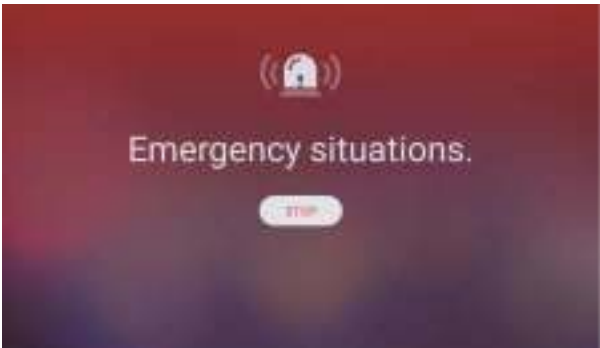
[display for emergency situation]

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3.4.3. Stop emergency

[Enter password]

3.4.4. Return emergency

1) Click the "Restore" button.
2) When you click it, the emergency will be disarmed.
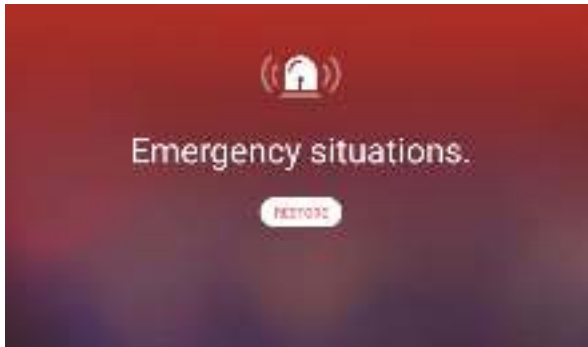
[Window for restoring emergency]

3.4.5. CCTV

Check the display of CCTV

Save the image of CCTV

[CCTV menu display]

①	CCTV Display	⑤	Favorites
②	Move to the next display	⑥	Seleted lists
③	Move to the previous display	⑦	List of favoirtes
④	Channal list	⑧	Check the saved image
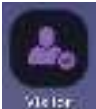
CCTV monitoring & saving

1) Click the channel list(④) you can see the CCTV list(⑥) on the display.
2) Click the CCTV list, you can see the image of CCTV(①).
3) If you want to see the next CCTV, click the Next button(②).
4) If you want to see the previous CCTV, click the Next button(③).

Register, remove & check the favoirtes

1) Main display of CCTV, click the star icon next to the CCTV list, you can register or remove CCTV on the favorites list.
2) Click the list of favorites(⑤), you can check the favoirated CCTV list on the display.
3) The star of CCTV list(⑦) is on, you can remove on the favorite list for clicking the star(⑦) on the list.

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3.5. Checking visitor

Checking visitor	Check the saved image of enterence or lobby

3.5.1. Visitor

Check the saved image of enterence or lobby

[Display for saved image]

Delete	Delete the saved image

With icons, you can check the location of saved movie clip.

Enterence	Movie clip from enterence
Lobby	Movie clip from lobby
Missed Call	Movie clip from missed call

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Check the saved movie clip

You can check the time and date of saved movie clip from the enterence or lobby.

Delete the saved movie clip

1) Click the 'Delete' button.

2) Click the individual movie clip or "All movie clip' for the selection.

3) To un-select the movie clip, click that icon again.

4) Click "Delete" button to remove the movie clip.

3.5.2. Emergency log

Emergency log

[Display for emergency log]

Delete the emergency log

1) With " [icon] " icon, you can delete the date of emergency log.

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3.6. Etc App

	Calculator	Calculation
	Clock	Set the alarm and time
	Sign up	Sign up / Edit / Initialization
	Wallpad setting	Setting for wallpad
	OS setting	Android setting
	Brower	Internet brower

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3.6.1. Calculator
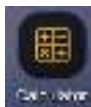
You can use it for calculation.

[Display for calculation]

3.6.2. Brower
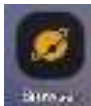
This is the web brower for internet.

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3.6.3. Sign up

Sign up / Edit / Initialization

1) Enter 'ID' and clikc 'Duplication check'.
2) Select the living country.
3) Enter 'Passward', 'Retype Passward' and click 'Registration'.

[Display for Sign-up]

Edit & Initialization

1) If you have already siged up, you can see the current ID on the display. You can change the password to click 'P/W change' button..
2) When you click 'Initialization', all your siged up information will be deleted

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3.7. Wallpad setting

You can set the user information, wallpad, controlling devices, Door camera and other devices.

    1)   Click "Wallpad setting" icon, you can see the display.

[Display for Wallpad setting]

3.7.1. Wallpad setting

You can set the SIP server, call number of guard station and passwords for wallpad.

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1) Wallpad type setting
 - You can set wallpad using Maset or Slave
 - If wallpad sets Slave, input IP of Master wallpad and select Slave number (501 ~ 510)

※ If you are a member of COMMAX, you need to initialize the member information before setting it as Slave.

※ After the setting of the month pad type is completed, it is automatically rebooted.

Note) a. When operating master and slave in the cab, make sure all the IP of the wall pad is set to fixed IP
 (When set to DHCP, synchronization between master and slave may not be possible.)

B. When the slave malfunctions or power is off, communication delay between master and slave occurs and all devices may slow down There is.

C. If the IP address of the slave is changed, be sure to reboot the master wall pad to synchronize the master / slave.

D. If changing the slave wall pad to Master, be sure to reboot the existing Master Wall Pad to synchronize Master / Slave It will be canceled.

2) You can change the password for disarming emergency and Away mode.

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- Enter the new password.
- Re-enter the same password.
- If passwords are same, it has been changed.
  ※ Initial password is 1234.
3) You can change the building & household number.
   ※ If you change those number, you need to reboot the wallpad.
4) You can change the number for guard station.
5) You can change the SIP server IP.
   ※ If you change the IP, you need to reboot the wallpad.
6) You can change the update server IP for wallpad.
7) You can re-execute the installation wizard.

3.7.2. Data initialization

You can initialize all the date from wallpad.

After initialization, you can not restore the data.
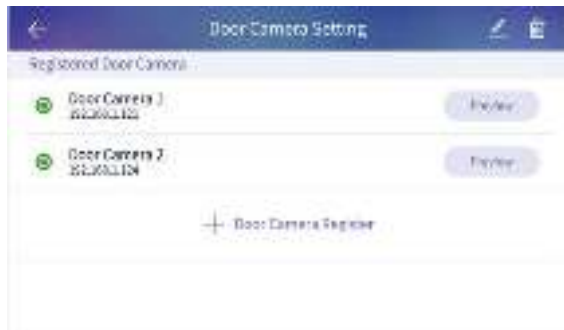[List for initialization]
  - Call log
  - Saved image
  - Saved movie clip
  - Emergency log

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3.7.3. Door camera setting

You can register IP door camera.

1) Click "Door Camera Setting", push the button of door camera for 5 seconds, the camera image will be displayed automatically.

2) Click "Camera Preview", you can check the image of door camera.

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3) Click 'Registeration' button, the door camera will be registered to wallpad automatically.

4) You can change the name of door camera to click "Edit" button.

3.7.4. CCTV Registeration

You can register IP type CCTV camera.

1) Click "CCTV camera register' button, you can see the list of CCTV camera on the display..

2) Click "Preview" button and enter the ID & Passward, you can check the image of CCTV camera.

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3) Clikc "Register" button, that CCTV camera will be registered.

4) Click "Edit" button, you can change the name of CCTV camera.

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### 3.7.5. Call setting

You can adjust the calling functions.

The menu is as below.

1) Continuous call time : You can select the call time between 30 sec ~ 3 min.

2) Video recording time : You can select the recording time between 10 sec ~ 60 sec.

3) Video auto save: When you select it, video clip will be saved automatically
   Video clip will be saved on your app.

4) Allow smartphone incoming call : When you select it, you can receive tha call from the visitors to your smart phone.

3.7.6. Setting for Home Theme

You can set the home theme.

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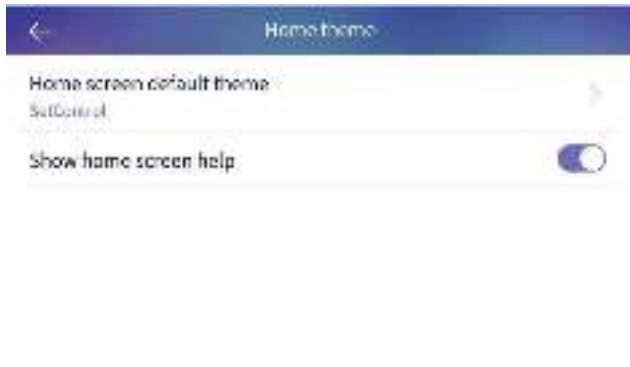
3.7.7. Ringtone

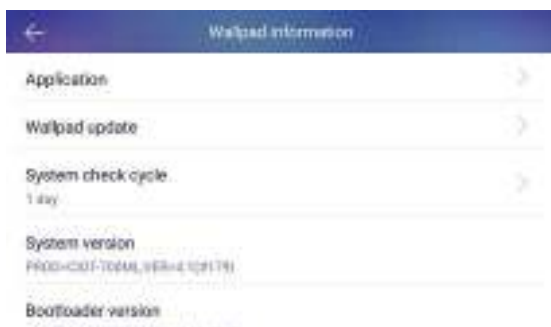You can select the ringtone from connected devices.

1) Select the place and select the ringtone. (Preview for ringtone)
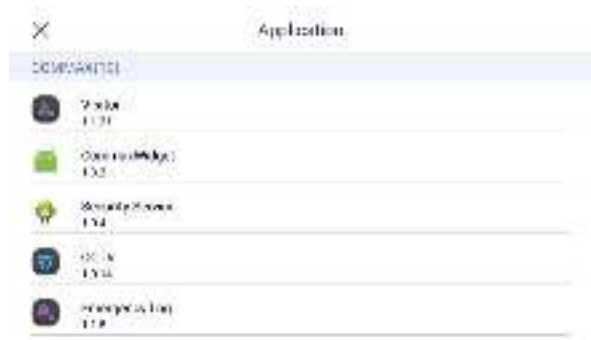2) Click the 'Confirm' button, the ringtone has been selected.

3.7.8. Wallpad information

You can check the information of systems such as versions of S/W.

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3.7.9. Check the version of application

1) Click "Application" button.

2) The version of app will be displayed.

PRODUCT

SPEC　　　MODLE	CIOT-700ML
LINE	UTP (CAT.5e)
VOLTAGE	INPUT : PoE DC 36V ~ 54V / DC5V
POWER	STANDBY :4W ,　MAX :8W
TELECOMUNNICATION	AUDIO : VoIP, VIDEO : H.264
LINE & DISTANCE	STANDARD UTP (CAT.5e) 70m (FROM THE PSE)
TEMPERATURE	0℃ ~ +40℃

SPECIFICATION

CPU	Quad-Core ARM Cortex-A53
MEMORY	1G DDR3 RAM (512M *2)
FLASH	8G eMMC Flash
LCD	7" TFT LCD, 1024 x 600
POWER	PoE

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INSTALLATION
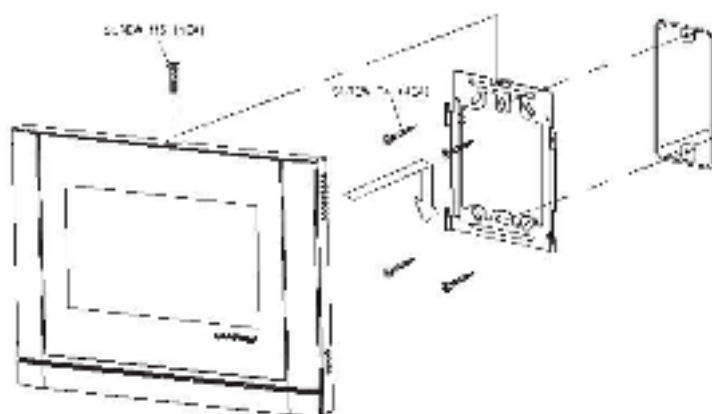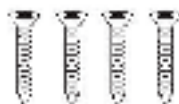

PACKAGE CONTENTS.

MONITOR

WALL BRACKET

MANUAL

(T)4 x 18mm WALL BRACKET SCREW

(M)3 x 8mm MONITOR SCREW

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