

# User Manual

CIOT-700ML



- 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.

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# Safety Warning & Caution

Please follow the things described below in order to prevent any danger or property damage.

	<b>Warning</b> It may cause a serious damage or injury if violated.		Prohibition.
	<b>Caution</b> It may cause a minor damage or injury if violated.		No disassembly
			No touch
			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

<b>Power &amp; Installation</b>	<p>Please don't use several products at the same time on one power socket.</p> <ul style="list-style-type: none"> <li>It may cause a fire due to an abnormal overheating.</li> </ul> <p> </p> <p>Prohibition Fire</p>	<p>Please don't bend the power cable excessively or it may cause an electric shock.</p> <ul style="list-style-type: none"> <li>fire when using a damaged power cable.</li> </ul> <p> </p> <p>Prohibition Electric shock Fire</p>	<p>Please don't handle the power cable with a wet hand.</p> <ul style="list-style-type: none"> <li>It may cause an electric shock.</li> </ul> <p> </p> <p>Prohibition Fire</p>	<p>Please plug out the power cable from the socket when not using it for a long period of time.</p> <ul style="list-style-type: none"> <li>It may shorten the product lifespan or cause a fire.</li> </ul> <p> </p> <p>Request Fire</p>
	<p>Please don't install the product in the place where there is much oil, smoke or humidity.</p> <ul style="list-style-type: none"> <li>It may cause an electric shock or fire.</li> </ul> <p> </p> <p>Prohibition Electric shock Fire</p>	<p>Please don't install the product with the lightning and thunder.</p> <ul style="list-style-type: none"> <li>It may cause an electric shock or fire.</li> </ul> <p> </p> <p>Prohibition Electric shock Fire</p>	<p>Please don't use and connect this product with other products with different rated voltage</p> <ul style="list-style-type: none"> <li>It may cause a disorder or fire.</li> </ul> <p> </p> <p>Prohibition Fire</p>	<p>When installing the product that generates heat, please install the product away from the wall (10cm) for the ventilation.</p> <ul style="list-style-type: none"> <li>It may cause a fire due to the increased internal temperature.</li> </ul> <p> </p> <p>Prohibition Fire</p>

## ⚠ 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.



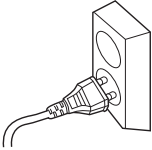
Request

## ⚠ 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

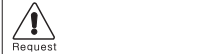
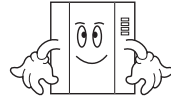
- It may cause an electric shock or fire



Request Electric shock Fire

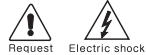
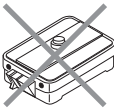
When installing the product, please fix it firmly while using the wall-mounting unit and screws.

- 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

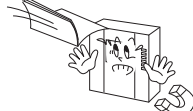
When cleaning the product, please rub it with a soft and dry cloth after plugging out the power cable. (Please don't use any chemical products such as wax, benzene, alcohol or cleanser.)



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

# Start

## 1 Main function

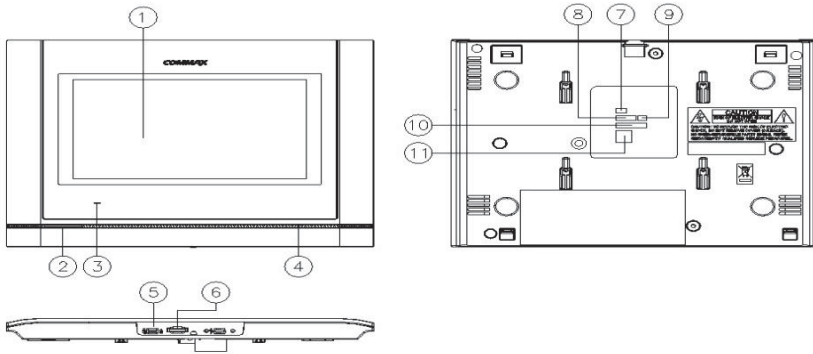
Function	Description
COMMAX Widget	Display of widget type such as today's weather, indoor temperature and humidity, smart plug electricity amount, absence information
Login and Membership	User subscription and login to use UC and Cloud
COMMAX launcher	Support for space control / editing / addition to 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 Function to display and record multiple images on two or more monitors
COMMAX Setting	IP and various enviroence 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

- 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

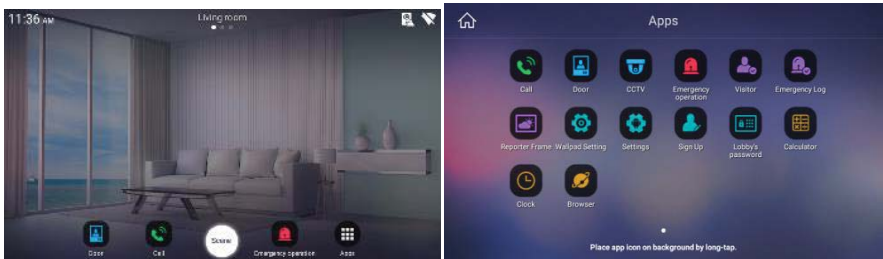


- CIOT-700ML



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		

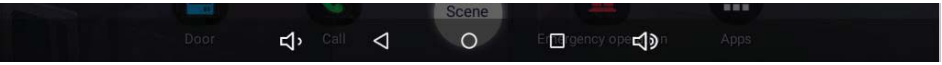
## Basic Screen Configuration



The moving of screen for using scrolling

# The screen change

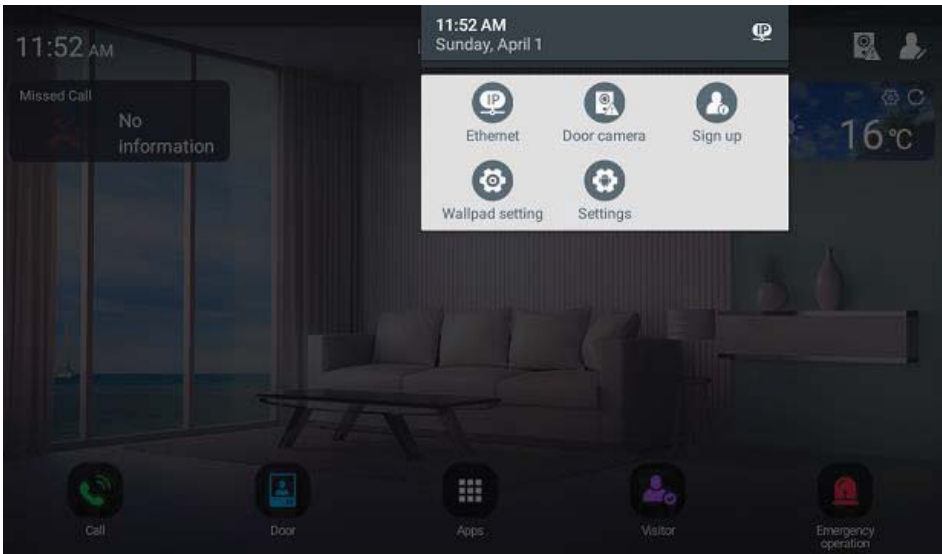
The navigation bar of home screen bottom








	Go to home screen		Go back
	Volume control		

# Go to Setting

Home screen bottom setting bar

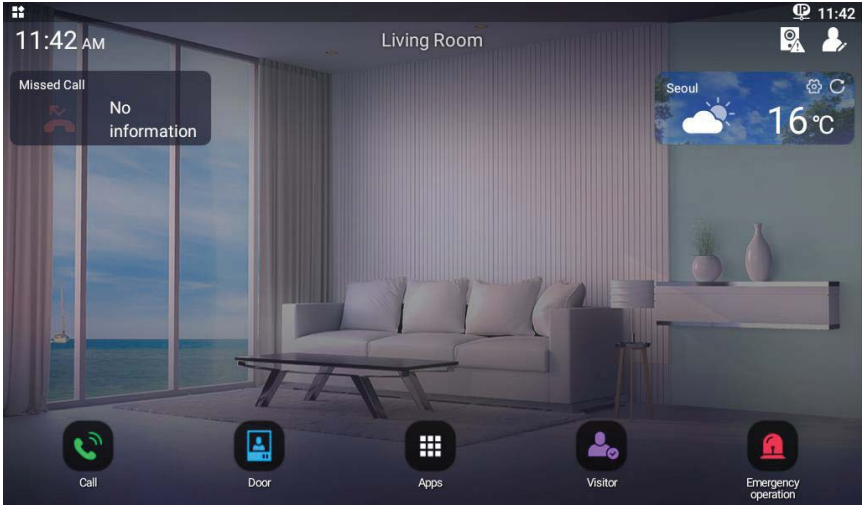






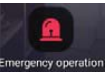


 <p>Local network</p>	<p>IPsetting</p>	<p>Go to wired network IP setting</p>
 <p>Door camera</p>	<p>Door registration</p>	<p>Go to IP Door Camera registration</p>
 <p>Sign up</p>	<p>User registration</p>	<p>Go to user registration</p>
 <p>Wallpad setting</p>	<p>Wall pad settings</p>	<p>Go to wall pad setting</p>
 <p>Os setting</p>	<p>OS setting</p>	<p>Go to OS setting</p>

# 2 Home Screen

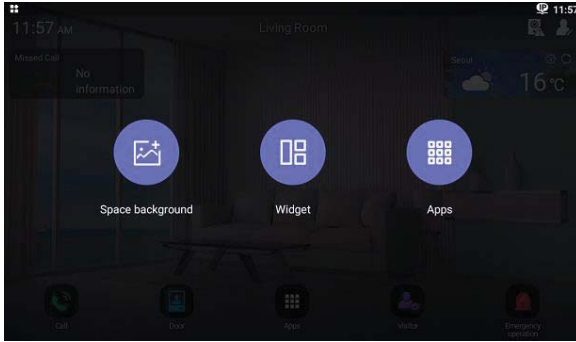
## Home Area



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

## 2.1. Editing a space list

☞ DfYgg'Ub'Ya dlmgdUW'cb'VUW[ fci bX'gWfYb'Zcf'cbY'gVtcbX"



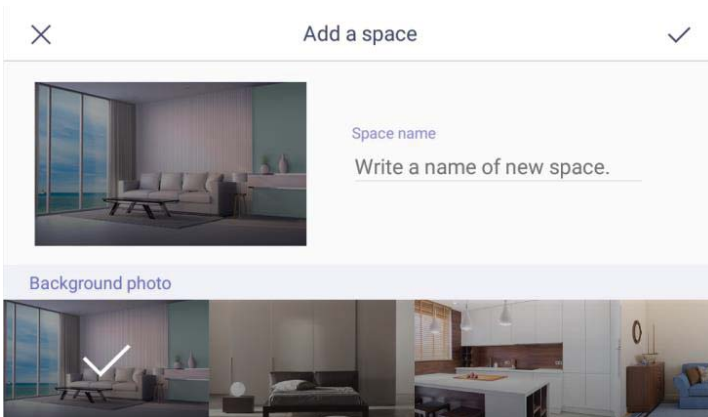
& 8fU[ 'hY'gdUW'nci'k'Ubh'hc'a'cj'Y'UbX'a'cj'Y']h'hc'h'Y'XYgjfYX''cW'hj'cb

' Ȥ DfYgg'h'Y''L''Vi' h'cb'hc'XY'Yh'h'Y'gdUW"

( Ȥ DfYgg'Z''Vi' h'cb'hc'UXX'gdUW

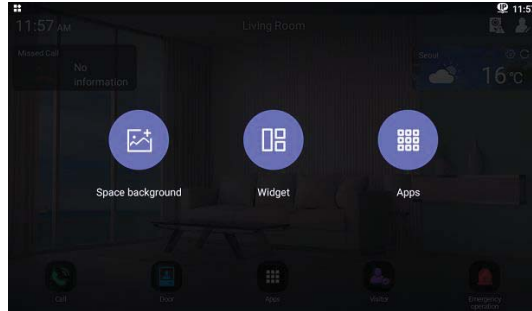
) Ȥ DfYgg'h'Y'7'UbW''Vi' h'cb'hc'W'UbW''YX'hj'b[.

\* Ȥ DfYgg'h'Y'f'Vt'a'd'Yh'f'Vi' h'cb'hc'g'J'Y'h'Y'gdUW''j'gh'

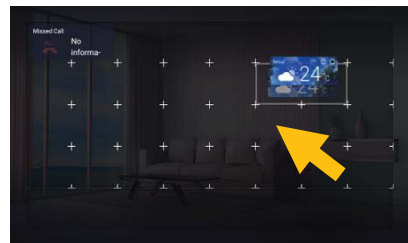


## 2.2. Widget Area

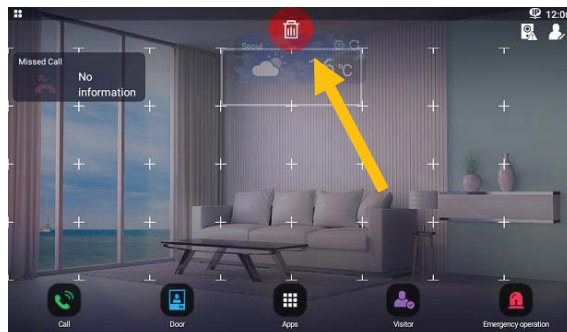
- 1) Provide a summary of our home environment and external environment information at present..
- 2) Press empty space on background screen for one second.



- 3) Press widget .
- 4) Select and drag the widget you want to display on the background



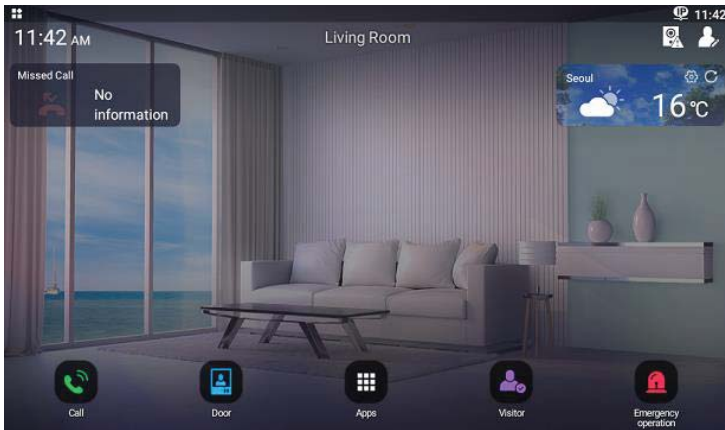
- 5) To delete a widget, press the widget longer and move it to the upper trash.



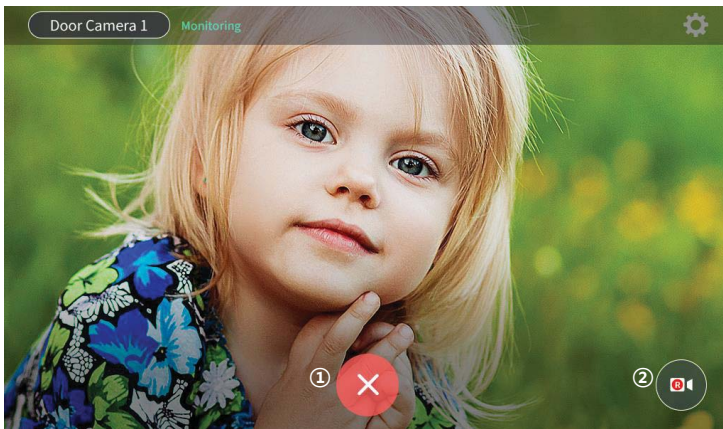
# 3 Application

## 3.1. Interphone

### 3.1.1. Screen Layout



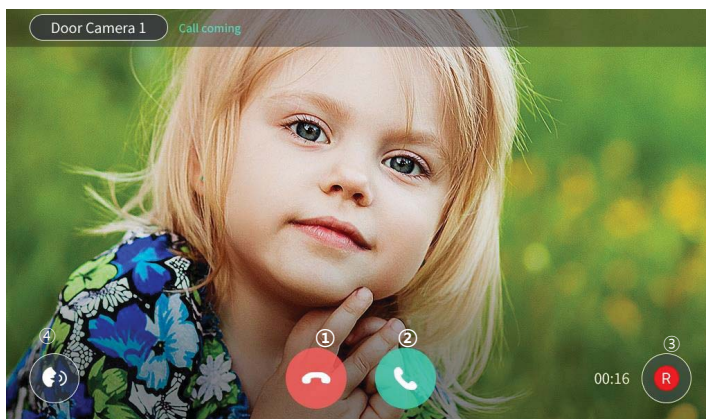
### Call connection screen



*[Monitoring Screen]*

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

## 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.

## Open the door

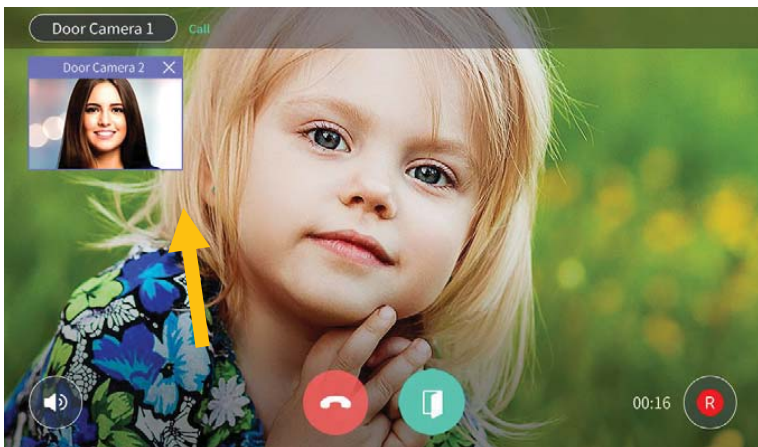
- 1) When the call comes in and the call button is pressed, the door open button appears.
- 2) Press the door open button to open the door.

## 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.

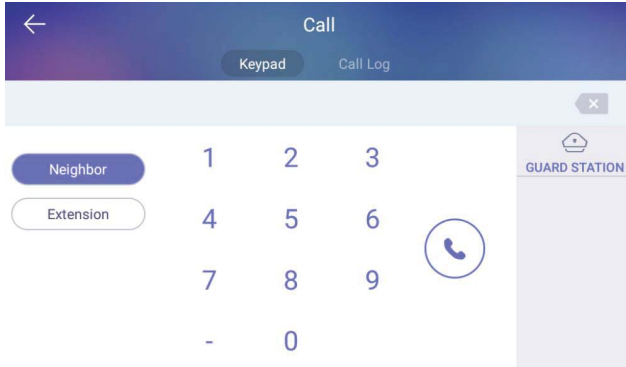
## Get a call on door camera

- 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..

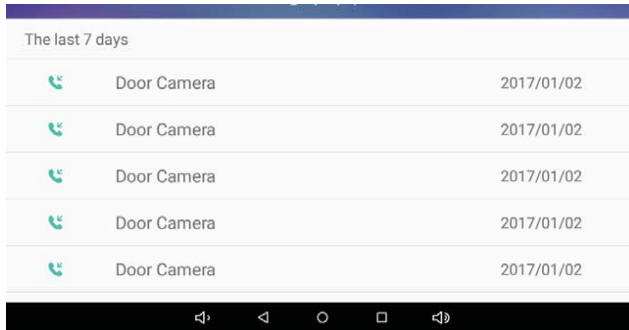


## Call house

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




## 3.3. Call Log

A screenshot of a mobile application's 'Call Log' screen. At the top, there is a blue header with the text 'The last 7 days'. Below the header is a list of five call entries. Each entry consists of a green call icon, the text 'Door Camera', and the date '2017/01/02'. At the bottom of the screen, there is a black navigation bar with several icons: a speaker, a back arrow, a circle, a square, and a speaker.


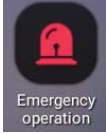
*[Display for Call log]*

## Using Call Log

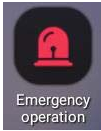
- 1) When you click  icon at the top of screen, you can delete the call log.



### 3.4. Security

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

#### 3.4.1. Security

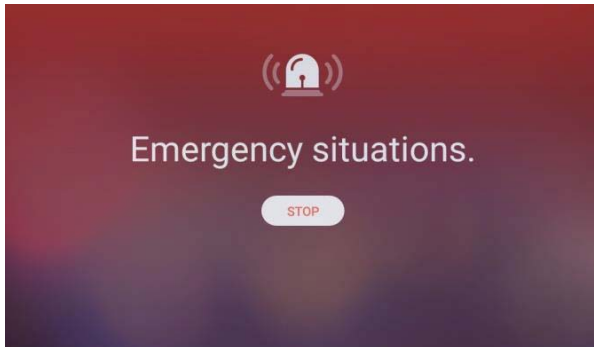


Occur emergency  
Detect emergency

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

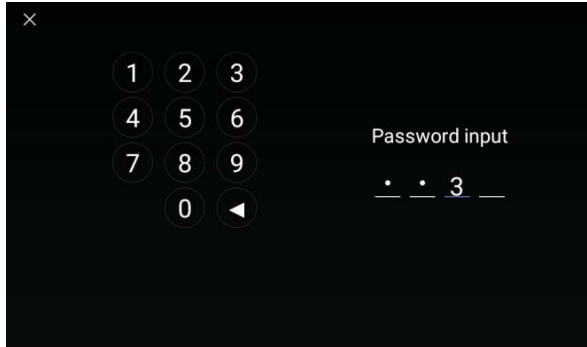
#### 3.4.2. Occur emergency

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



*[display for emergency situation]*

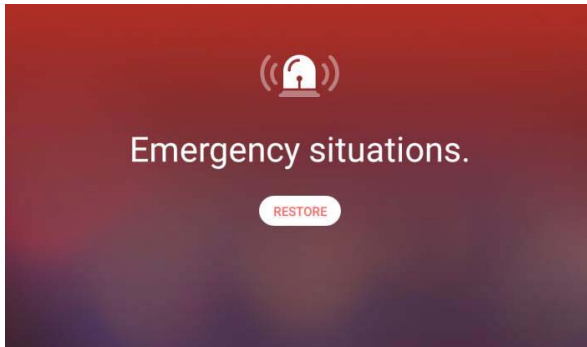
### 3.4.3. Stop emergency



*[Enter password]*

### 3.4.4. Return emergency

- 1) Click the "Restore" button.
- 2) When you click it, the emergency will be disarmed.

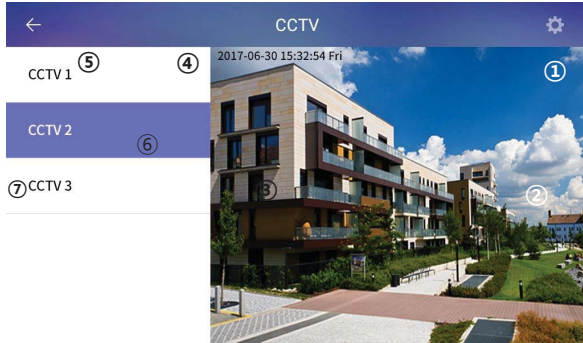


*[Window for restoring emergency]*

### 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

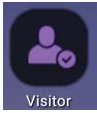
#### **CCTV monitoring & saving**

- 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**

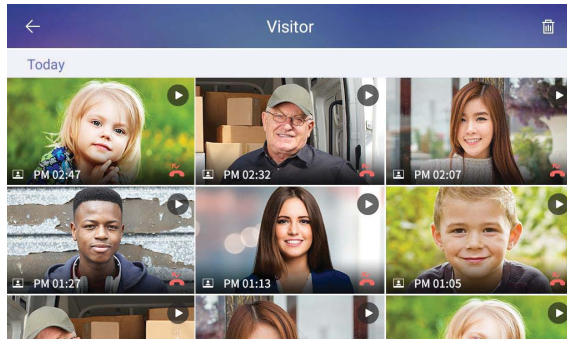
- 1) Main display of CCTV, click the star icon next to the CCTV list, you can register or remove CCTV on the favorites list.
- 2) Click the list of favorites(⑤), you can check the favoirted CCTV list on the display.
- 3) The star of CCTV list(⑦) is on, you can remove on the favorite list for clicking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

### 3.5. Checking visitor


	Checking visitor	Check the saved image of entrance or lobby
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#### 3.5.1. Visitor




 Check the saved image of entrance or lobby



*[Display for saved image]*

	Delete	Delete the saved image
---	--------	------------------------

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

	Entrance	Movie clip from entrance
	Lobby	Movie clip from lobby
	Missed Call	Movie clip from missed call

## Check the saved movie clip

You can check the time and date of saved movie clip from the entrance 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

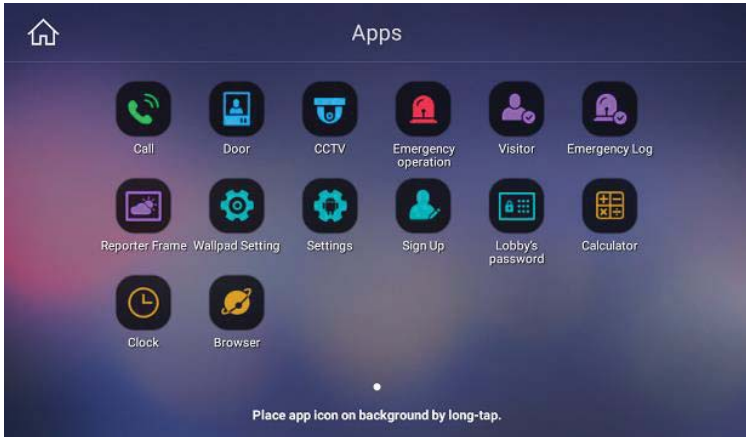
Emergency Log		
Emergency Restore	Tuesday, February 28, 2017, 3:18 PM	
Emergency Stop	Tuesday, February 28, 2017, 3:18 PM	
Emergency Occur	Tuesday, February 28, 2017, 3:17 PM	
Emergency Restore	Tuesday, February 28, 2017, 3:17 PM	
Emergency Stop	Tuesday, February 28, 2017, 3:17 PM	
Emergency Occur	Tuesday, February 28, 2017, 3:17 PM	







*[Display for emergency log]*

## Delete the emergency log

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

### 3.6. Etc App



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

### 3.6.1. Calculator

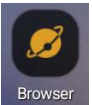


You can use it for calculation.

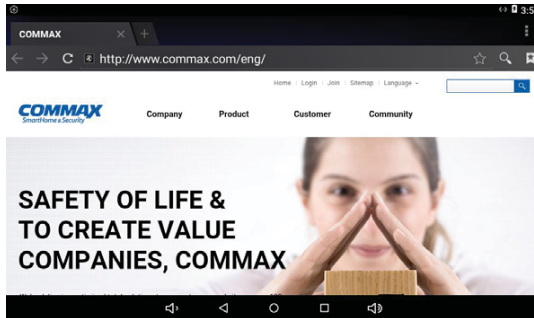


*[Display for calculation]*

### 3.6.2. Brower



This is the web brower for internet.

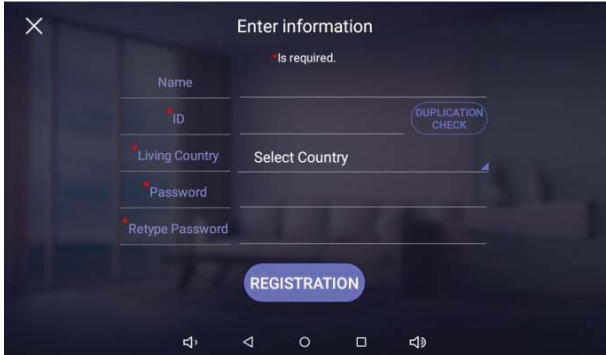


### 3.6.3. Sign up



Sign up / Edit / Initialization

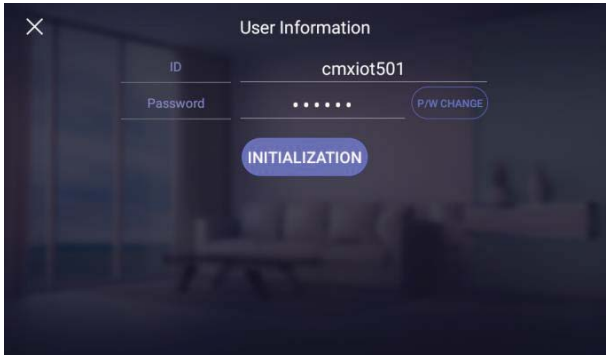
- 1) Enter 'ID' and click 'Duplication check'.
- 2) Select the living country.
- 3) Enter 'Password', 'Retype Password' and click 'Registration'.



[Display for Sign-up]

### Edit & Initialization

- 1) If you have already signed 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 signed up information will be deleted





## 3.7. Wallpad setting

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

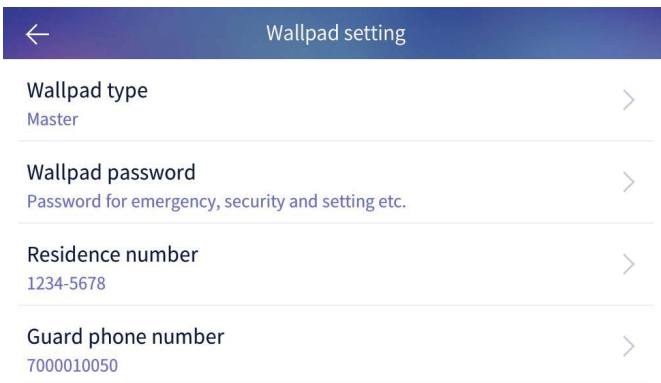
- 1) Click "Wallpad setting" icon, you can see the display.



*[Display for Wallpad setting]*

### 3.7.1. Wallpad setting

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



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.

×

Wallpad type

Master       Slave

---

Master wallpad IP  
localhost(Master)

---

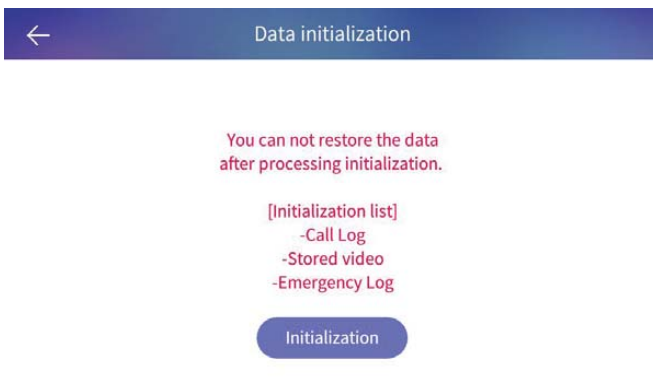
Extension number  
100(Master)

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

- 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 data from wallpad.



After initialization, you can not restore the data.

[List for initialization]

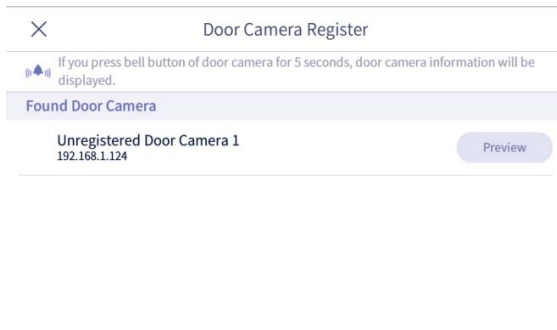
- Call log
- Saved image
- Saved movie clip
- Emergency log

### 3.7.3. Door camera setting

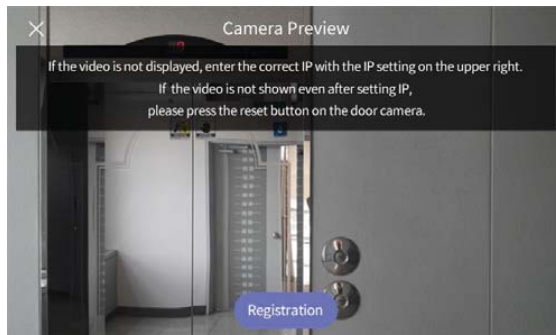
You can register IP door camera.



- 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.



- 3) Click 'Registration' button, the door camera will be registered to wallpad automatically.
- 4) You can change the name of door camera to click "Edit" button.

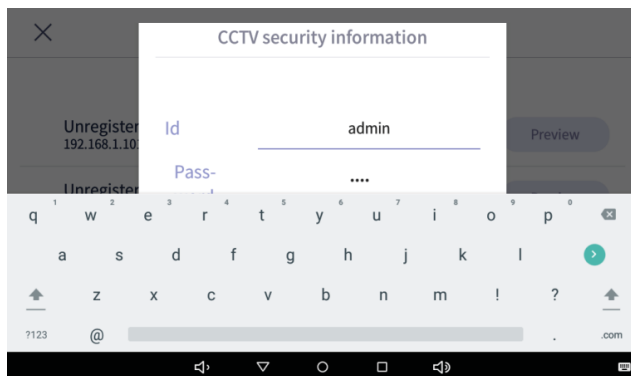
### 3.7.4. CCTV Registration

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 & Password, you can check the image of CCTV camera.

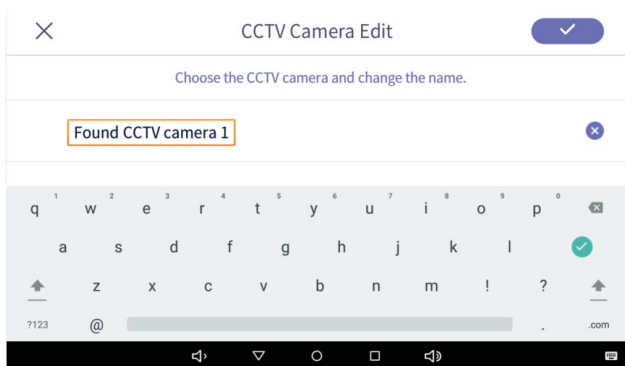




3) Click "Register" button, that CCTV camera will be registered.

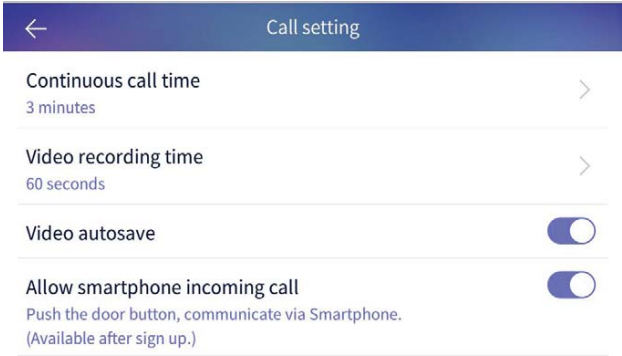


4) Click "Edit" button, you can change the name of CCTV camera.



### 3.7.5. Call setting

You can adjust the calling functions.

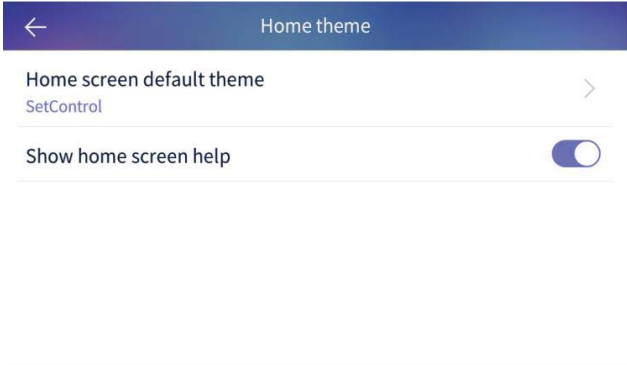


The menu is as below.

- 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 the call from the visitors to your smart phone.

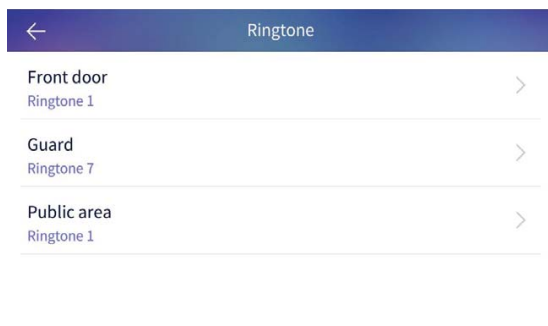
### 3.7.6. Setting for Home Theme

You can set the home theme.

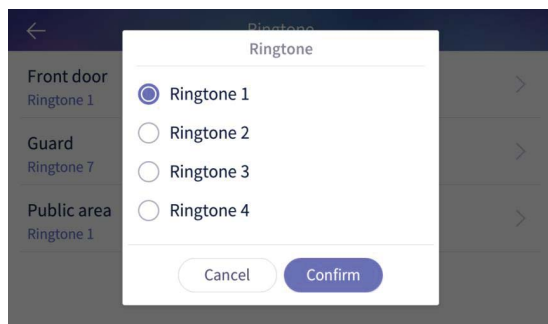


### 3.7.7. Ringtone

You can select the ringtone from connected devices.

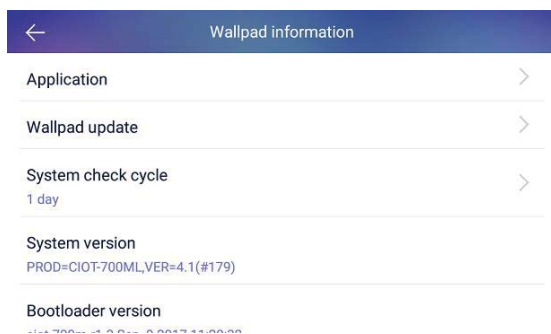


- 1) Select the place and select the ringtone. (Preview for ringtone)
- 2) Click the 'Confirm' button, the ringtone has been selected.



### 3.7.8. Wallpad information

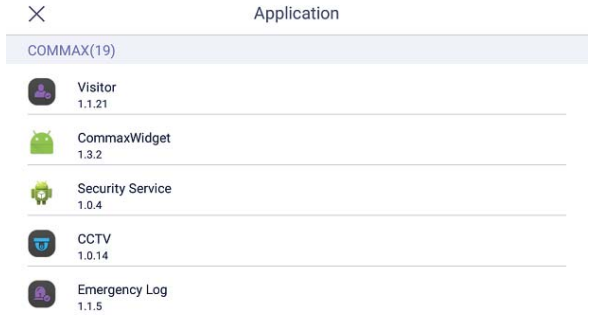
You can check the information of systems such as versions of S/W.





### 3.7.9. Check the version of application

- 1) Click "Application" button.
- 2) The version of app will be displayed.



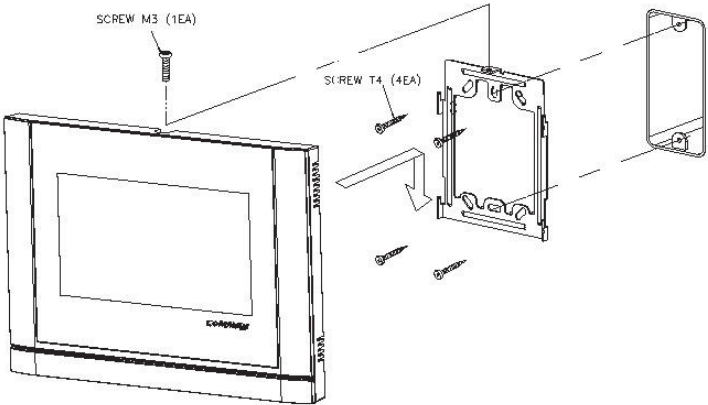
### PRODUCT

MODLE	CIOT-700ML
SPEC	
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°C ~ +40°C

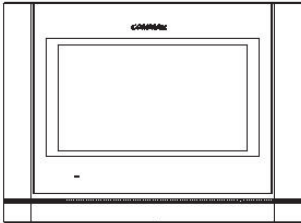
### SPECIFICATION

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

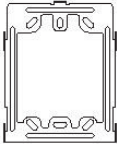
**INSTALLATION**



**PACKAGE CONTENTS.**



**MONITOR**



**WALL BRACKET**



**MANUAL**



**(T)4 x 18mm WALL BRACKET SCREW**



**(M)3 x 6mm MONITOR SCREW**

# **COMMAX**

**COMMAX Co.,Ltd.**

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