

Since 1968

COMMAX
SmartHome & Security

User Manual

CIOT-G700M User Manual



www.commax.com

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.

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Warnings and 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.
	Caution	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

Power & Installation

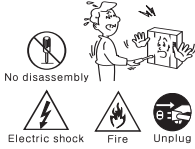
<p>Please don't use several products at the same time on one power socket.</p> <ul style="list-style-type: none"> It may cause a fire due to an abnormal overheating. <p>Prohibition Fire</p>	<p>Please don't bend the power cable excessively or it may cause an electric shock.</p> <ul style="list-style-type: none"> fire when using a damaged power cable. <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"> It may cause an electric shock. <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"> It may shorten the product lifespan or cause a fire. <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"> It may cause an electric shock or fire. <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"> It may cause an electric shock or fire. <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"> It may cause a disorder or fire. <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"> It may cause a fire due to the increased internal temperature. <p>Prohibition Fire</p>

⚠ Warning

Cleaning & Use

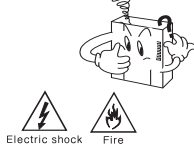
Please don't disassemble, repair or rebuild this product arbitrarily (please contact the service center if a repair is needed).

- It may cause an electric shock or fire.



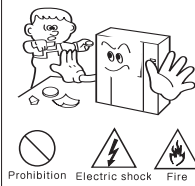
If an abnormal sound, burning smell or smoke is coming out of the product, please plug out the power cable and contact a service center.

- It may cause an electric shock or fire.



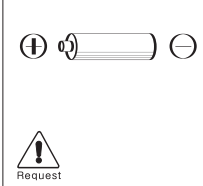
Please don't insert any metallic or burnable materials into the ventilation hole.

- It may cause an electric shock or fire.



Please use only the designated batteries for the products of using DC power.

- It may cause an electric shock or fire.

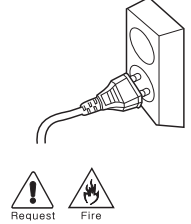


⚠ Caution

Power & Installation

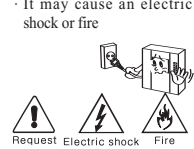
Please plug the power cable firmly into the inner end.

- It may cause a fire.



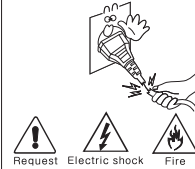
Please hold the plug tightly when unplugging the power cable (a part of the copper wire may be disconnected if the grabbing is only made on the cord when pulling out the cable).

- It may cause an electric shock or fire.



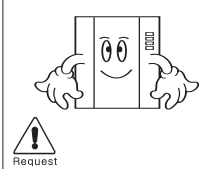
When connecting the power cables after cutting the cable, please install the product with power off.

- It may cause an electric shock or fire.

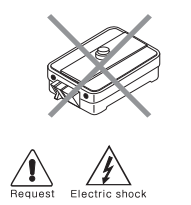


When installing the product, please fix it firmly while using the wall-mounting unit and screws.

- It may cause an injury from the falling object.

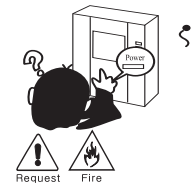


Please be careful when using an AC circuit breaker since there is a possibility of an electric shock.



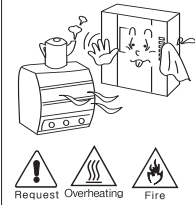
Please check the use voltage and current for the DC-only products and use the appropriate rectifier.

- It may cause a fire.



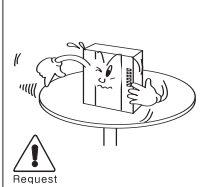
Please avoid direct rays of the sun or heating devices at a time of installation.

- It may cause a fire.



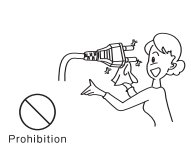
Please don't install the product on an unstable place or small support board.

- It may cause an injury if it falls down while in use.



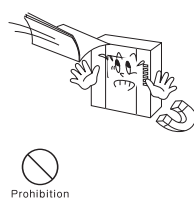
Cleaning & Use

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.)



Please don't drop the product on the ground and don't apply a shock.

- It may cause a failure.



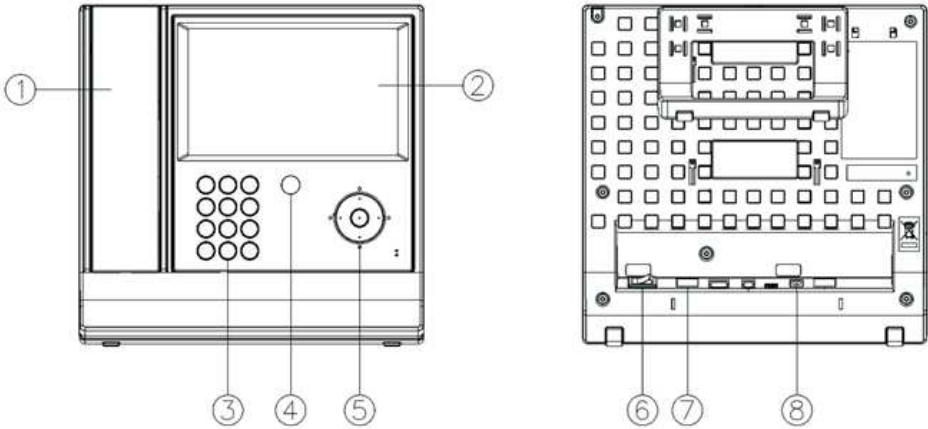
Please use the designated connection cable within the maximum calling distance designated for the product.

- It may reduce the product performance.



Chapter 1. Start

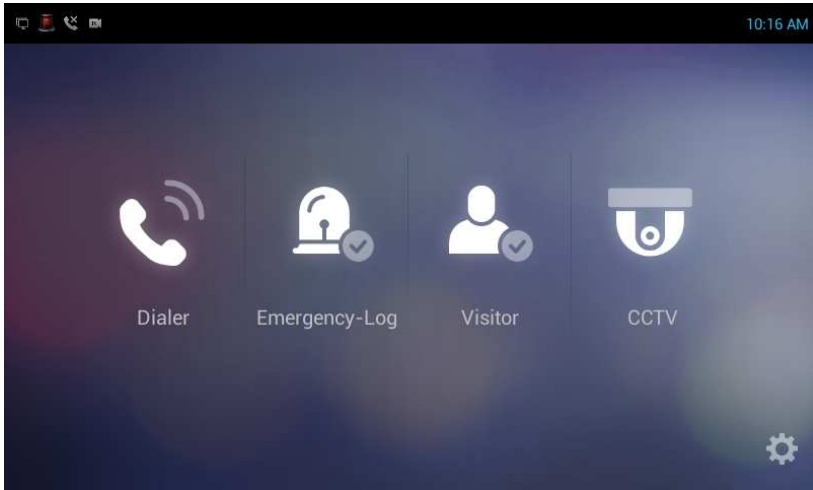
1.1. Product composition and name








* Product name

No	Item	No	Item
1	andset	6	POWER SWITCH
2	LCD (7" TFT LCD)	7	LAN PORT
3	DIAL KEY	8	DC JACK (DC 14V, 2.1A)
4	CMOS CAMERA		

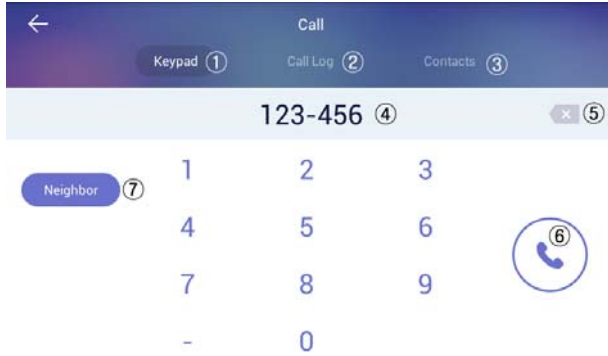
1.2. Screen design



	Dialer : You can call residents
	Emergency-log : You can check the emergency situation that occurred.
	Visitor : You can check image stored at the time of call by the visitor.
	CCTV : You can check CCTV image installed in the housing complex.
	Settings : You can set environment on network, hone network, system, language, time.

Chapter 2. Call function

Phone screen



① Keypad	⑤ Delete
② Phone call recording	⑥ Dial the phone
③ Contact	⑦ Call between households
④ Call effect sound and call volume control	




[Call Screen]


① Display valid and waiting calls	④ Start Phone call
② Connected screen	⑤ Reject, cancel phone call
③ Adjust call volume and ringing effect sound0	⑥ Open the door
	⑦ Store visitor image

- ※ Calling reception screen depends on a type of Security office, calling Lobby
- ※ Some products don't provide a CID function(Caller display).
- ※ Visitor image can be stored up to 128 images.
- ※ Visitor and CCTV image file can be used in the same storage space.
- ※ Internet phone is not available.

2.1. Call household




- 1) Press the 'Household' button on the call screen.
- 2) Press the  button after you input the building and household no you want.
(Insert (-) between building and household. Ex) 3 building 102 → 3-102)
- 3) The call button and the call screen are displayed.
- 4) To end the call, press the end call button

2.2. Receive household call


- 1) The household phone is displayed with the bell sound
- 2) To connect a call, press  (call) button, to reject a call, press the 'Call rejected' button.
- 3) To end the call, press the 'End call' button.

※ In the household, you can make a video call using the camera installed in the security office, but in the security room, you can't see the household screen.


2.3. Call Lobby phone

- 1) Visitor screen shows with the bell sound.
- 2) To connect a call, press the  (Call) button and to reject a call, press  (Call rejection) button.
- 3) To end a call during a call, press  (End call) button.


2.4. Open the Lobby door

- 1) Press the  (Open the door) button during your call and communication.
- 2) It ends with the notification sound "The door is open".


2.5. Save the visitor image in the Lobby phone

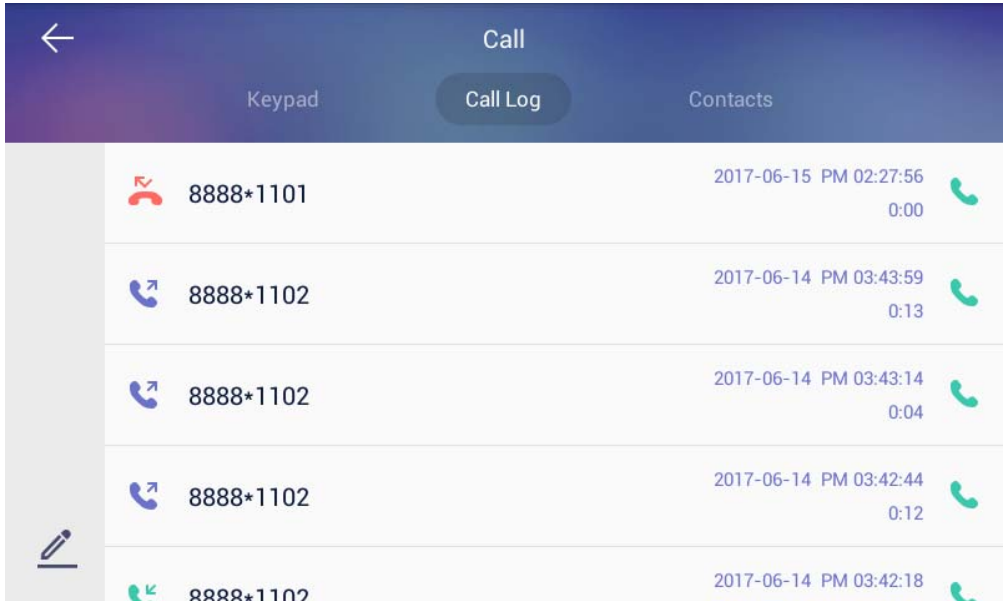
- 1) Press the 'Shooting' button during your call and communication
- 2) The message9 and  (Visitor text icon) show.

2.6. Confirm unanswered call

- 1) When a missed call comes, a notification  (missed call) is displayed in the notification at the top of the screen.
- 2) Drag down to the top of the screen and press missed call for notification to switch to the call log screen and display will disappear. Or you can press Call and press Call record to confirm missed call.

2.7. Confirm call record

- 1) You can call again to the other party by pressing  button. .



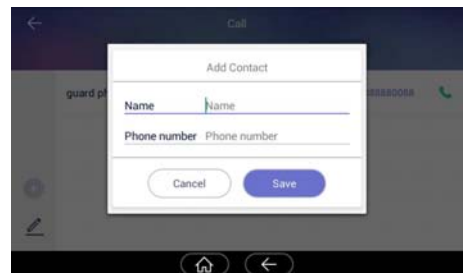
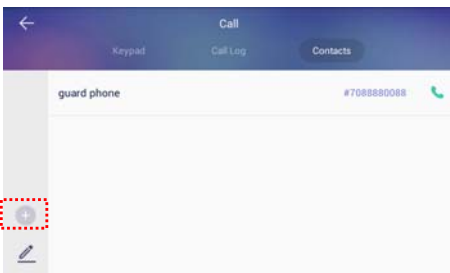
[Call record screen]

2.8. Add new contact

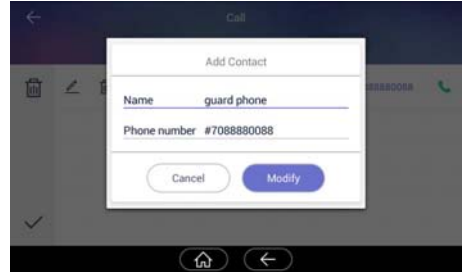
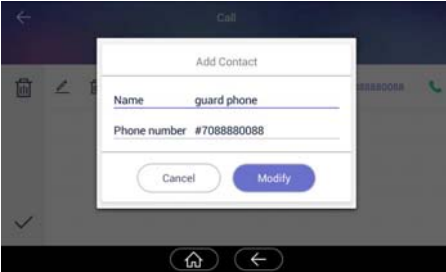
- 1) Press "+" button on the left side of the contact screen.
- 2) Press the 'Save' button after inputting name and phone no.

2.9. Add other Guard phone contact

- 1) Press "+" button on the left side of the contact screen.
- 2) Input the name of the guard phone.



- 3) Press the guard phone no.
At this time, it's required to be entered "#70" in front of Guard phone no.
(Guard phone no: 0005-0050
Input no: #70-0005-0050)
- 4) Press the 'save' button.



- 5) Guard phone no will be saved.

Chapter3. Emergency Log

3.1. Emergency outbreak

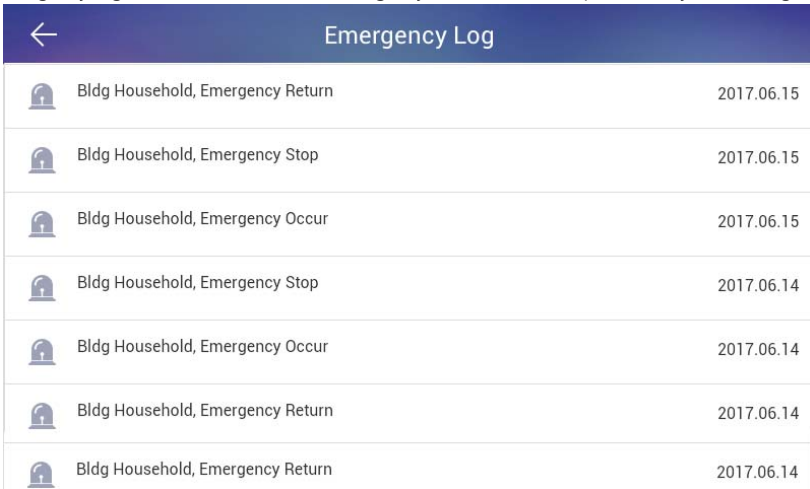
- 1) When the emergency occurred, you can check the time of the accident that occurred households and Building number.
- 2) The household can check emergency and then can control it (Emergency-Stop-Retrurn)
- 3) If you press the reception button, you can send the information to the server.
- 4) If you pick up the handset, you can communicate with household where the emergency occurred. At this time automatically registered.










[Emergency-Screen]

3.2. Emergency Log

Press the emergency log button to check about emergency status occurred up to now by connecting to server.



← Emergency Log	
 Bldg Household, Emergency Return	2017.06.15
 Bldg Household, Emergency Stop	2017.06.15
 Bldg Household, Emergency Occur	2017.06.15
 Bldg Household, Emergency Stop	2017.06.14
 Bldg Household, Emergency Occur	2017.06.14
 Bldg Household, Emergency Return	2017.06.14
 Bldg Household, Emergency Return	2017.06.14

[Emergency Log Screen]

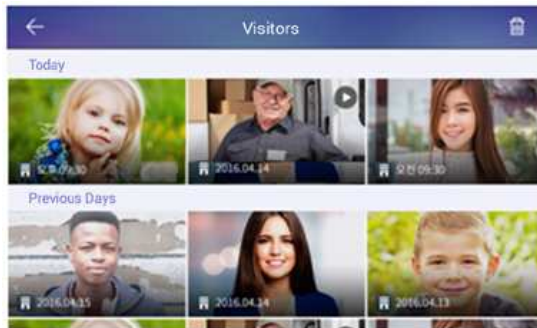
Chapter4 . Visitor

4.1. Check Visitor

You can check the visitor's through the camera installed on the common entrance and the pictures taken on CCTV in the common household.

4.2. Confirm photo stored

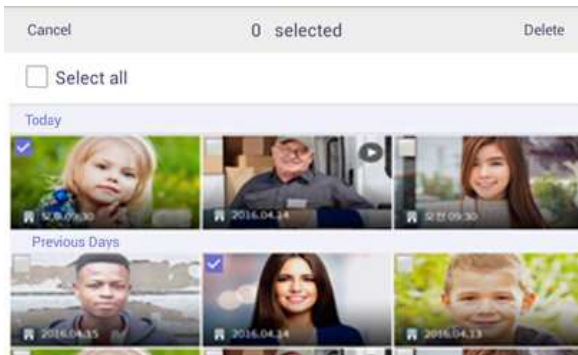
- 1) Thorough Visitor screen can distinguish between common entrance and CCTV screen and you can check the date and time saved.
- 2) If you select "Delete Button" you can delete saved pictures.
- 3) It can be divided into today's history and previous history.
- 4) If you press the enlarged picture, you can check the picture in full screen.



[Saved Pictures Screen]

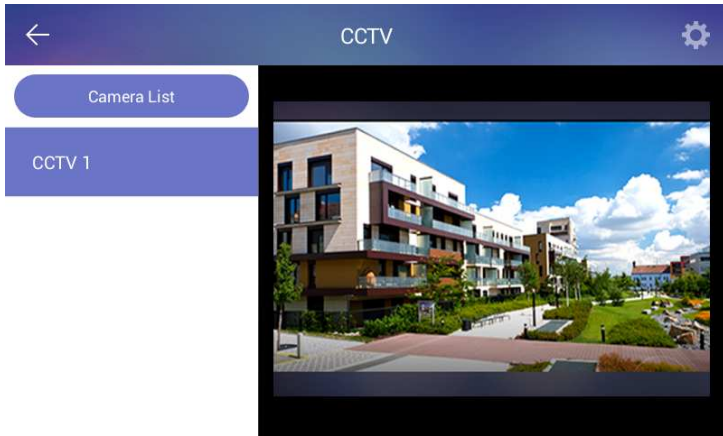
4.3. Delete photo stored

- 1) If you select delete button you can change [Select Mode]
- 2) It is possible to select picture that delete or select all button.
- 3) If you do not want to delete please click the cancel button.
- 4) You can select delete button to delete the picture.



[Delete visitor screen]

Chapter 5 . CCTV




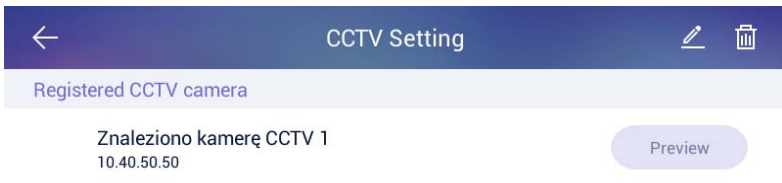
[CCTV Screen]

5.1. View and store CCTV image

- 1) Press the channel list, you can see CCTV list that connected.
- 2) Press the CCTV list, you can see CCTV image screen.

5.2. Registor CCTV

- 1) Please select Setting button  at the top of the screen.
- 2) Please select Register CCTV camera button.
- 3) It can be provided the list of IP Camera in the same network.
- 4) Please select register button.
- 5) Please input ID and password of IP camera and then select Check button.
- 6) When your authentication is completed, you can see a preview screen.
- 7) Please select register button
- 8) If IP Camera is registered the following screen is displayed.

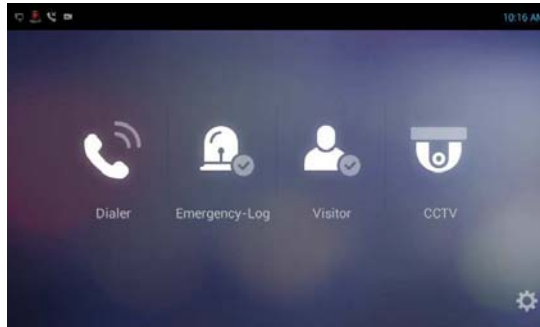


+ CCTV camera Register

Chapter 6. Environment Setting

6.1. Set the Environment

You can set all of Environment setting as Network, Home Network system, language and time.



Environment Setting Screen

6.2. Enter the settings

- 1) Please press the menu button and then press setting button, you can enter the setting mode.

6.3. COMMAX User option

COMMAX connect and Manage user settings.

- 1) Change password

You can change your existing password to a new password

- A. Press change password.
- B. Please input the new password, press next button and then try to check your new password again.
- C. When you finish, please save the password and return to the change password screen.
- D. Please the check button to change the password.

- ※ Do not forget your password
- ※ Password is 4 digits (The initial password is 1234)
- ※ If not match the password, it can not be changed.

6.4. COMMAX Connection and Management

It can be possible to set the Commax connection and management please do not change settings other than the installer, If correct values are not entered Commax connection and management will not work correctly.

- 1) Call Prefix
 - A. Select Call Prefix in the menu.
 - B. If the call prefix screen is displayed, please enter the corresponding number and press the check button.
- 2) Network Connection

You can set up a wired network to use Commax connection and management.

- A. Please input IP address, Gateway, Netmask and DNS (Contact installer)
- 3) Set Server IP

You can set local server, SIP server, update, IP address of CCTV server.

- A. Press the item to be set.
- B. If the window is displayed, Please input the screen and enter the IP address.
- C. Set the server time (NTP)
 - I. Press NTP and enter the time server. If the time server is connected, it will be changed the current time.
 - II. If you set synchronizes with the time server it will be synchronized every time.
- 4) Set Camera

You can change the video codec settings.

6.5. Set the Sound

- 1) Set bell sound

Settings → COMMAX → Bell sound

- A. Select the location you want to set and then please select the ring tone from the list(Listening the bell sound)
- B. Press Check button to set the selected ring tone.

6.6. Set the Screen

- 1) Set the Screen

Settings→ Display → Brighness

- A. Press brightness.
- B. The window brightness is displayed on the screen.
- C. Adjust the brightness though moving the stick.
- D. Press Check button to save settings.

- 2) Setting the screen auto-off time

Settings → Display→ Sleep mode

- A. Press sleep mode.
- B. A list that allows you to limit the screen time will be displayed.
- C. You can set the time that you want and if you press Cancel button it is not s

- 3) Calibrate Touch screen

Settings → COMMAX→ Touch screen

- A. Press the Touch screen calibration.
- B. Follow the on-screen instructions and press the cross icons in turn.
- C. When the calibration is completed, the completion of calibration is displayed.

6.7. Set the language and Key

Change Language

Settings → Language and Keyboard→ Language

You can set the language displayed on the device.

- A. Press the language
- B. Select the language to be set From the list.

6.8. Set the date and Time

Settings → Date and Time

- 1) Set Date and Time automatically

- A. Check auto configuration on Date/Time..
- 2) Set Date and Time manually.
 - A. Cancel checking of auto configuration on Date/time
 - B. The date settings and time settings items become effective.
 - C. Press the date settings..
 - D. When the date setting window is displayed on the screen, use the + and - buttons to set the date, then press the check button.
 - E. When you press the time setting, the setting screen will be displayed.
 - F. Set the time by referring to date setting.
- 3) Designate time zone
 - A. Press time zone selection.
 - B. Select time zone of city you reside from the list.
- 4) Designate type of 24 hours
 - A. Check or cancel use of type of 24 hours.
 - B. When checked, the time will be displayed in 24 hours. When check is canceled, it will be displayed in 12 hour format.

6.9. System information

Settings → COMMAX→ Information

You can check component installed in system and product firmware information.

6.10. Confirm component version

6.11. Settings → COMMAX→ Information

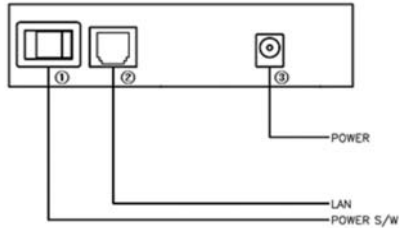
- A. Press the 'Application' button.
- B. It shows component version installed.

6.12. Confirm product firmware information

It shows Boot loader and version of Kernel, building number.

Chapter 7 . Wiring Diagram

Wiring Diagram



1. Power Switch
: Product power On/Off function

2. LAN Port

1		TX+
2		TX-
3		RX+
4		N.C
5		N.C
6		RX-
7		N.C
8		N.C

3. Power DC JACK
: Input power (DC 14V / 2.1A)

Chapter 8 . Specification

Model specification	CIOT-G700M
Transmission type	TCP/IP
Power consumption	DC14V/2.1A
Consumption	Waiting:4.5W, Max.:10W
Call type	Hand Set
Display	Color LCD 7" Digital
Operating temp.	-10°C~40°C
Dimension	252(W) X 247 (H) X 33 (D)

COMMAX

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