Warranty

▶ **To receive after service, have the following ready before you contact our branches.**

1. Name of the product.
2. Model number of the product.
3. The area of problem.
4. Phone number and address at which you can be contacted.

Warranty Card

PRODUCT	
MODEL	
DATE PURCHASED	
WARRANTY PERIOD	
AGENCY ADDRESS	

▶ **KOCOM Warranties the original purchaser of this product as follows.**

1) This product is produced under strict quality control and inspection procedures.
2) If this product breaks down during proper use as a result of product defect, KOCOM will repair it within one year from date of purchase free of charge.
3) The following cases will be subject to charge, even during warranty period:
   a. Breakdown during transport, or through careless treatment, by consumer.
   b. Breakdown cause by unauthorized repair, or system modification.
   c. Breakdown caused by natural disaster or power disorder.

KOCOM
KOREA COMMUNICATIONS CO.,LTD

SINCE 1976

http://www.kocom.com
E-mail : export@kocom.co.kr
This manual is based on the date as shown in the right and specifications are subject to change without notice for quality improvement

KCV-A510R	N0218

KCV-A510R MANUAL

[10inch Digital color video phone]

10inch Memory
COLOR HANDSFREE

■ 10inch Color Digital LCD (NTSC / PAL Auto switching)
■ Slim, Compact & Luxury Design
■ Easy to operate using OSD menu & Touch key
■ Digital Photo Album
■ Digital Video Recorder(Still cut)
  – Motion Detection
  – Memory Size : 1,000 cut
  – Video Format : Still cut(JPEG)
■ Multiple language support
  – English, Spanish, French and Russian
■ Connection up to 4 Door cameras or CCTV cameras with 2 monitors and 2 sub audio phone(KDP–602G)
■ Call & Communication with visitor & Door open function
■ Door Opener Connectable from Either Monitor or Camera

Monitor color	Connection door camera
White Black	KC–C60 KC–MC24 KC–MC20 KC–MC30 KC–MC31

KOCOM CO.,LTD.

Cautions for safety

· Please, save this manual after reading these instructions carefully.　　　· Read and understand all instructions to set up rightly.
· This Cautions for Safety may include items that are not contained in specifications of the product that consumer purchases.
· If you need assistance with the set-up or operation, please contact with A/S center.

The important marks in the manual.

To help our customers to understand this manual, to prevent any personal injury or property damage, some marks are used in the manual.
The marks and the drawing signs are below. Please, understand the marks before reading the manual.

The meaning of the drawing signs.

⊘ Sign to show what not to do	⚠ Mishandling the device with ignoring this sign may result in serious injury or death.

⚠ Mishandling the device with ignoring this sign may result physical injury or material damage.

❗ Sign to tell you that you should follow the instructions.	⚡ Sing to tell you that you need more attention including high voltages, electric shock, danger, warning)
Sign to tell you that you can't disassemble this unit.	🔌 Sign to tell you that you must unplug the unit.

⚠ Caution

▶ Cautions for set-up

⊘
· The law limits distributing the power lines to an authorized person from government. The work from an unaurhtorized person cause fire or electric shock.
· Place this unit securely on a stable surface. Serious damafe and/or injury may result if the unit falls.
· Do not set up this unit near the leaking place because it may expose you to dangerous voltages or other risks.
· Even if your product is water proof, do not install it slanted place of water leakage, which can a short circuit.

⚠
· The work of distributing wires needs skills and experiences. So please, for assistance, contact your dealer or call service center.
· The communication lines should be built in being distant from the power source.　This may result in the risk of fire, electric shock and communication disorder.
· Setting the communication lines in a high humid place such as outside without any protection from rain causes the communication disorder.
· Keep the hook at the wall-mounted device safe. The hook may cause the physical injury.
· Think about the thickness and quality of wall material. The unqualified material may make the device fall.

❗ · Set the device of the wall-mounted type not to fall. Falling from an earthquake causes personal injury.

▶ Cautions for Repairs and Maintenance

⚠ · Keep the inside of the device clean. Having the dust inside without any cleaning for a long time causes the fire. If necessary, contact your dealer or service center to get cleaning service.

🔌
· Unplug this device when you want to check the inside. If there is no plug, please, turn off the circuit breaker.
· Unplug this device when you try to move it to another place. If the electric line is connected inside of the unit, please contact your dealer or service center.

⊘ · Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning

⚠ Warning

▶ Warnings for Usage

⊘
· Do not install this unit near the water and dust, for example, in a bathroom or near the washing machine. It caused fire and electric shock.
· Do not install this unit near the fire, for example, near kitchen sink, heater or the like.
· Do not install near the noxious gar such as Hydrogen Sulfide, metal power and the like.
· Do not install near the water and chemicals.
· Do not give any damage, break and modify the plug. Overloading, heating, pulling causes the damage.
· Do not place the plug near the heater. The damaged code causes fire and electric shock. Do not pull the power code when unplugging.
· The damaged code causes fire and eclectic shock. Must pull with plug. Do not touch with wet hands. It causes the electric shock.
· Do not use any other voltage, except the marked regular voltage.
· Do not use the power terminal at the units to other electric device except the designed device.
· Do not install the units at the leaking place if it doesn't have any waterproof mark. Do not install the unit when the power is on.
· Install the circuit breaker after checking the safety such as electric shock and leakage. Turn off the power before you install or A/S

❗
· Check the suitability of the lines for installing when you use the exiting lines.
· Do the wiring work by using the designed material.
· Connect the electric wire with the designed ways and ground.
· Do not connect with any other devices except the designed devices to compose the system.

🔌 · Unplug electric wire and communication lines from the units before moving to another place.

▶ Cautions for Use

· This unit is not designed for security purpose.　　　· Do not handle the unit with the wet hands.

⊘
· Do not place a pot with water or a small metal material on the Units.
· Do not cover the ventilating opening or put any metal material in the units.
· During thunderstorms, avoid using this unit.　There may be a remote risk of an electric shock from lighting.
· Do not modify the unit.　　· Open the main gate after checking ID if the image and sound system do not work. Call A/S

🔌 · Do not disassemble the back and cabinet cover.

▶ Cautions for Abnormality

· Change the damaged electric code.

⚠
· Unplug this unit from plug socket and refer servicing to an authorized service center when the following conditions occur:
· If liquid has been spilled into the unit.　　　　· If the unit does not work normally by following the operating instructions.
· If the unit exhibits a distinct change in performance.　　　· If the unit has been dropped or physically damaged.

Caution

▶ Safety Instructions, Warnings and Cautions of Each System

· Do not disassemble this unit at will as this device is composed by precision parts.　　· Install the unit by following the set-up instructions of Kocom.
· Do not touch or insert any foreign substances, for example, sticker, magnetic, opener and the like
· Make U-type at the end of wires as the rain can effect on the system by following the wires during the rainy season.
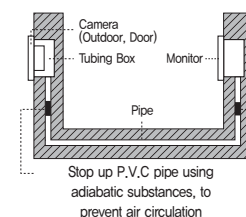
▶ Videophone

· Separate the AC/DC lines with the hook of the wall-mounted type when installing.　　· Connect the lines after peeling the wires properly
· Do not distribute signal line with AC line.　　· Use the designed driver to connect the lines to terminal
· Do not clean the LCD with the damp cloth for cleaning. Use the only dry and soft cloth.　　· Do not install the main gate monitor at the leaking place.
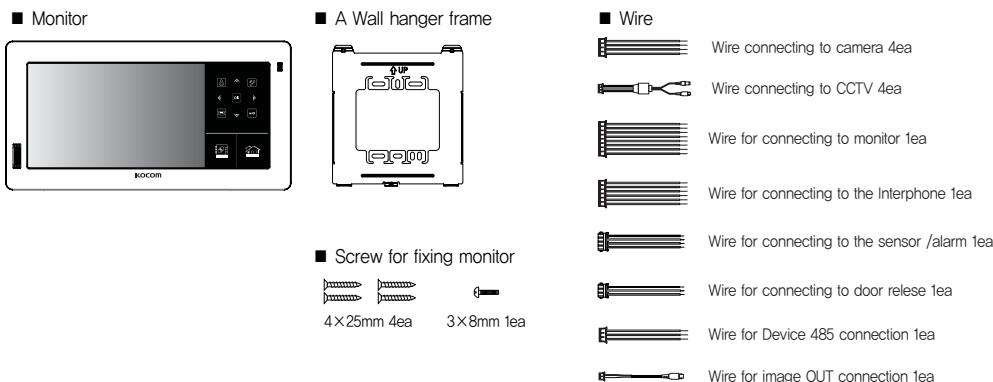
▶ Things You Need to Know

· This product is designed as a home videophone and cannot use continuously like monitor camera.
· If there is temperature difference between inner part of camera and surrounding, dew condensation occurs on camera lens and may disturb image.
　If dew condensation is removed from camera lens, image quality recovers.
· White LED light examination range is narrower than camera shot range at night, so there is less amount of light at night than day.
　So it is difficult to see the face in low illumination condition due to noise increase on screen, but it is not from defect.
· Monitor screen (liquid crystal panel) is not in defect when some pixels always light or black out.
· Please install monitor and camera over 5cm away. Also, avoid installing at a place with too much noise, because too much noise around camera causes phone call inferiority.
· Do not place an object within 20cm in front of monitor. It causes phone call inferiority, especially because microphone is installed at the top of monitor.
· If strong light such as sunlight flows into camera module, screen saturation (or strange mark) and image shaking might occur.
· This is not a defect, so please do not install camera where a direct ray of light do not flow if possible.

▶ Cautions

· In some cases there is occurrence of product destruction, malfunction, noise mixing and picture quality deterioration due to mixing of other tool's induced
　voltage or thunder with communication wiring of monitor/camera, monitor/extended monitor.
　Do not wire with power line such as outdoor wiring or AC power, or phones and other tools.
· You cannot use it if you incorrectly wire the AC voltage between monitor/camera, monitor/extended monitor. Call the store or agency where you purchased
　this product and consult to solve the problem.
　Beware that unfixable damage might be caused due to authorizing AC voltage on communication wiring of monitor/camera, monitor/extended monitor.
· Do not ever disjoint this product. It may cause electrocution accident when touching high-voltage circuit inside this product.
· Outside power authorizing this product must be confirmed of product description and use rated voltage. Beware that if higher voltage is authorized, unfixable
　damage might be caused due to product destruction.
· Power must be connected to domestic voltage (product rated voltage) consent or interior wiring.
　If connected to other motive power or inverter-type power, product destruction, noise mixing, and picture distortion may occur.
· Do not drop this product. Glass is used for monitor and might break, or cause other circuit inferiority.
　In such case, immediately turn down the power switch, and call to consult agency or store in which this product was purchased.
· If installed near transmission antenna such as broadcasting station, electric wave may mix and cause picture distortion or voice mixing.
· Avoid installing near tools with strong electromagnetic waves such as microwaves and cell phones, or it may cause picture distortion.
· Do not install monitor in following places.
　① Above or around water heater, rice-cooker, heater　② Place exposed to direct rays of the sun　③ Place with temperature below 0'C such as cold store
　④ Place with high humidity such as bathroom, washroom, heated room
　⑤ Place with a lot of gas, dust, smoke　⑥ Dangerous place with sprays of water or chemicals
· Do not wipe with insecticide, drugs or chemicals such as thinner and alcohol, or it may damage
　the surface of this product.
· Beware of occurrence of image quality deterioration or malfunction from cause of humidity due to
　penetration of chemicals or water into camera's urea resins.
· As in the picture, it prevents temperature difference of camera (outside) and monitor (inside), and
　removes dew condensation caused by humidity of camera window.
· Camera must be installed when wall cement is completely dry.
· When product is installed in winter below −5'C, wait for approximately 2 hours to connect. Dew formation
　in monitor and camera due to temperature difference inside and outside may cause product defect.
· Avoid installing monitor and camera in place directly exposed to heat or where gas noxiousness is
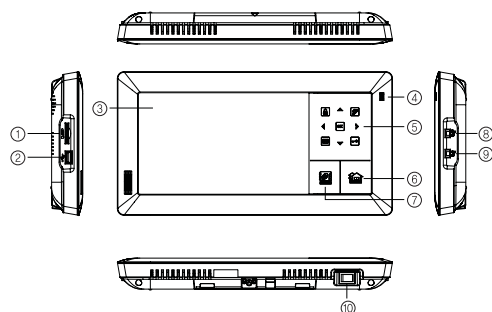　highly occurring.

Camera (Outdoor, Door)
Tubing Box　Monitor
Pipe
Stop up P.V.C pipe using
adiabatic substances, to
prevent air circulation

Components of product

■ Monitor

■ A Wall hanger frame

■ Screw for fixing monitor

4×25mm 4ea   3×8mm 1ea

■ Wire

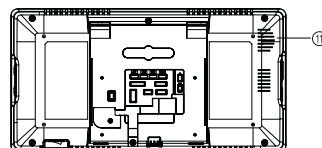|	
	Wire connecting to camera 4ea
	Wire connecting to CCTV 4ea
	Wire for connecting to monitor 1ea
	Wire for connecting to the Interphone 1ea
	Wire for connecting to the sensor /alarm 1ea
	Wire for connecting to door relese 1ea
	Wire for Device 485 connection 1ea
	Wire for image OUT connection 1ea

Name and Functions of each part

■ The front side

■ The back side
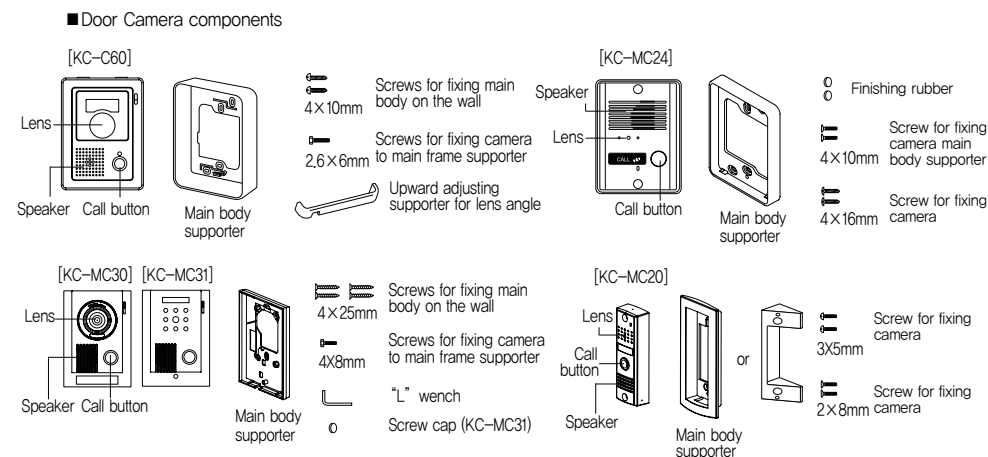

① SD card input section
② USB input section : option
③ Monitor screen (LCD)
④ C-MIC
⑤ Function key
⑥ Moves to main screen
⑦ Moves to DVR mode
⑧ Call volume adjustment switch
⑨ Speaking volume adjustment switch
⑩ Power switch
⑪ Speaker

Monitoring : Move to video phone mode while at the main screen
Monitoring function at the video phone mode

Station call : monitor connected in an extended manner page and call using the interphone

Emergency recording : forced recording of camera's image

Door opening : door opening function during call

OK Confirmation

Components of product
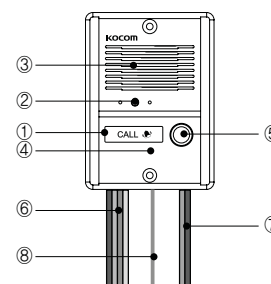
■ Door Camera components

[KC-C60]

Lens
Speaker   Call button
Main body supporter

4×10mm   Screws for fixing main body on the wall
2.6×6mm Screws for fixing camera to main frame supporter
Upward adjusting supporter for lens angle

[KC-MC24]

Speaker
Lens
Call button
Main body supporter

○ Finishing rubber
4×10mm   Screw for fixing camera main body supporter
4×16mm   Screw for fixing camera

[KC-MC30] [KC-MC31]

Lens
Speaker Call button
Main body supporter

4×25mm   Screws for fixing main body on the wall
4X8mm   Screws for fixing camera to main frame supporter
"L" wench
Screw cap (KC-MC31)

[KC-MC20]

Lens
Call button
Speaker
Main body supporter
or

3X5mm   Screw for fixing camera
2×8mm   Screw for fixing camera
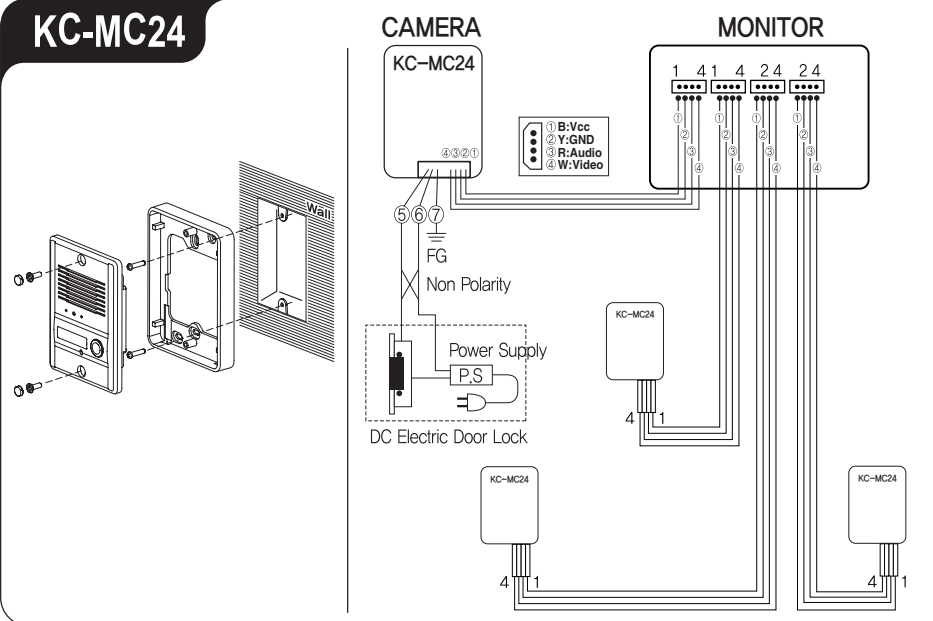
Name and Functions of each part

■ Camera (KC-MC24)

① White LED diffusion : Has built-in white LED that works at night and flickers when it gets dark around camera.
② Camera section :
Converts camera surroundings to visual signal and deliver to monitor.
③ Speaker
④ Microphone
⑤ Call button : Push this button for output of call sound from monitor.
⑥ Monitor connection wire : 4 wires by polarity
Blue : Vcc , Yellow : Ground , Red : Audio , White : Video
⑦ DC door opener connection wire : DC 2 wires by non-polarity
⑧ Frame ground wire

Specifications

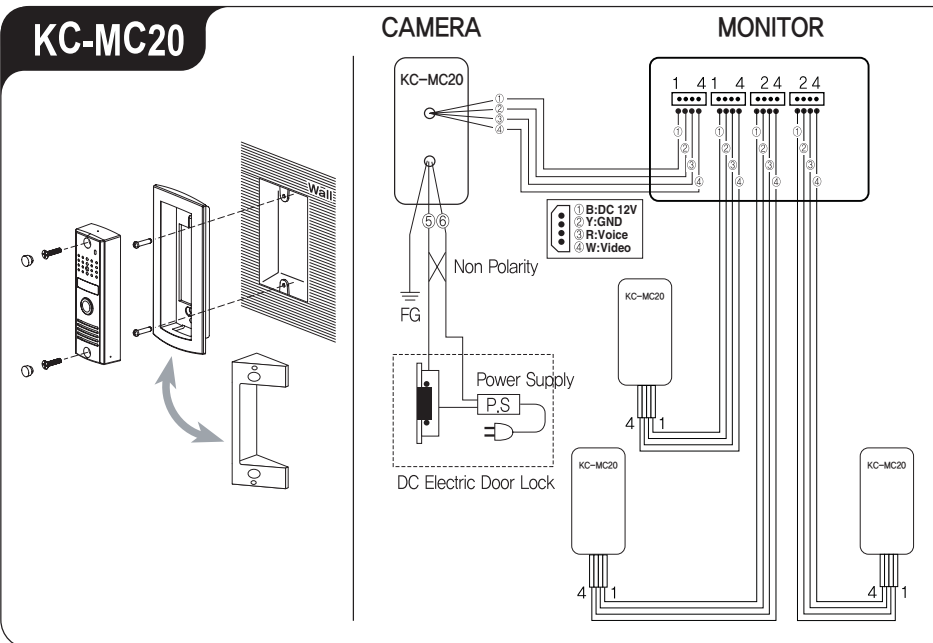|	Model number	KCV-A510R	KCV-D510R
MONITOR	Power Source	AC 100V-AC240V 50/60Hz	DC 15V±1V
	Power Consumption	Stand by 4W (±20%) , Max 20W (±20%)	
	Operating Temperature	0℃ ~ +40℃	
	Communication System	Handsfree type	
	LCD	10" Digital LCD (NTSC / PAL Auto switching)	
	Wiring	Camera : 4 wire (Polarity), CCTV : 2 wire (Polarity) Wiring Sub audio phone : 6 wire (Polarity) Extension monitor : 8 wire (Polarity)	
	Mount Type	Surface mount, Cracle (Option)	
	Dimension	355 (W) × 185 (H) × 40 (D) mm	
	Camera connection	KC-MC24, KC-C60, KC-MC20, KC-MC30, KC-MC31	
DOOR CAMERA	Model number	KC-MC24	
	Power Source	DC 12V±2V (Power from Monitor)	
	Power Consumption	Max 3W (±20%)	
	Operating Temperature	−10℃ ~ +50℃	
	Dimension	96 (W) × 127 (H) × 32 (D) mm	
	Angle of Lens	1/4" , 3.43mm/F.NO2.5, 96.1°	

※Please check the Model Name of your door camera.

KC-MC24

CAMERA | MONITOR

KC-MC24

①B:Vcc
②Y:GND
③R:Audio
④W:Video

FG
Non Polarity

Power Supply
P.S

DC Electric Door Lock

KC-MC24

※Please check the Model Name of your door camera.

KC-C60

CAMERA | MONITOR

KC-C60

Non Polarity

Power Supply
P.S

DC Electric Door Lock

KC-C60

KC-MC20

CAMERA | MONITOR

KC-MC20

①B:DC 12V
②Y:GND
③R:Voice
④W:Video

Non Polarity

FG

Power Supply
P.S

DC Electric Door Lock

KC-MC20

KC-MC30/31

CAMERA | MONITOR

KC-MC30/31

KC-MC30

KC-MC31

FG
Non Polarity

Power Supply
P.S

DC Electric Door Lock
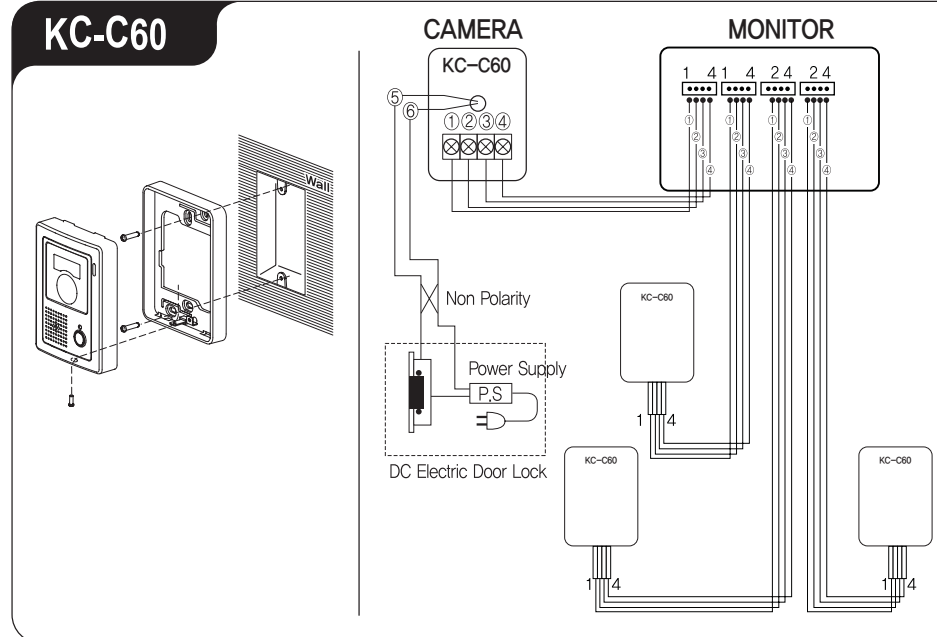
KC-MC30/31
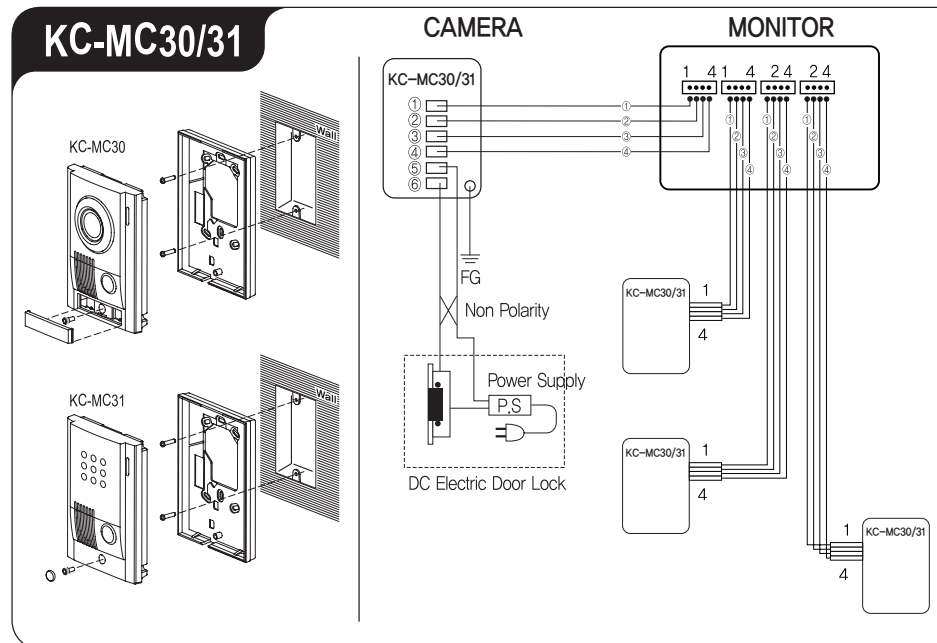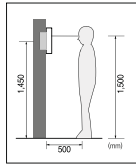
■ Monitor installation location
· Standard monitor installation height is about 1,500mm where screen center is at eye level.
In this case, wall-hanging metal center (center of piping) is 1,450mm above ground level.
· Standard installation height
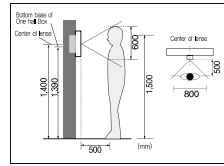
■ Camera installation location
· Camera installation in height Standard camera installation height is when lens is about 1,400mm above the floor.
In this case, camera stack center (piping box) is above 1,390mm above ground level.
· Standard installation in height

※ The above angel of view is based on the KC-MC24 camera.
The numbers very according to the type of camera.
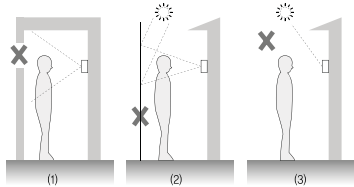
■ Caution of camera installation
· Avoid installing camera exposed to direct ray of light (and sun).
· Beware backlight and darkness of visitor's face, which makes identification difficult.
· Avoid installing camera in places such as the following picture.
(1) Place illuminating sky as background
(2) Place with white wall reflecting direct ray of light
(3) Place with direct ray of light

■ Monitor installation
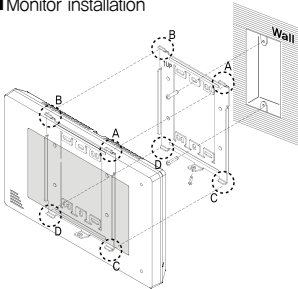
■ Directly connecting cut-off power cord with power wire
1) Do not do such electric work on your own. Installing product in this way requires reliance on electric installation man with electric work license.
2) Insulate with insulating tape while cutting off power cord and connecting with power wire so electric wire metal does not expose. Contact between exposed electric wires cause fire or electric shock accident.
3) Such electric work requires connection after interception of supplied power.

1) Remove wall-hanger bracket metal behind monitor.
2) Install wall-hanger bracket metal on 1 type box or wall with attached Vis.
3) Connect wiring to monitor back terminal referring to product connection diagram.
4) Hang monitor on wall-hanging metal, and fix monitor on wall- hanger bracket metal using attached Vis.
5) Plug monitor's power plug into consent and check to see if the power switch is [ON] on the left side of monitor.
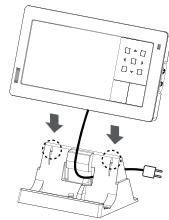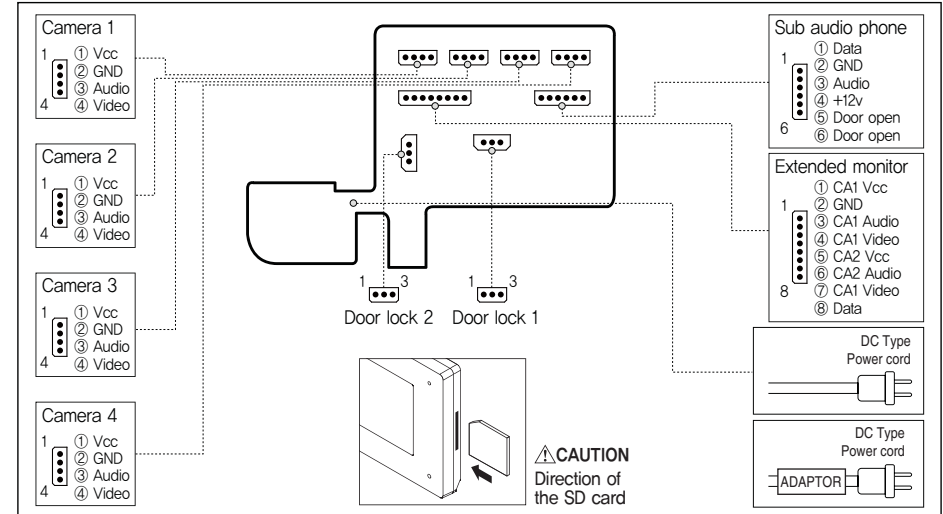
Cradle (optional) connection :
connect by fitting in the groove at the monitor's backside and the Cradle's groove.

Air outlet

Air outlet

Air inlet
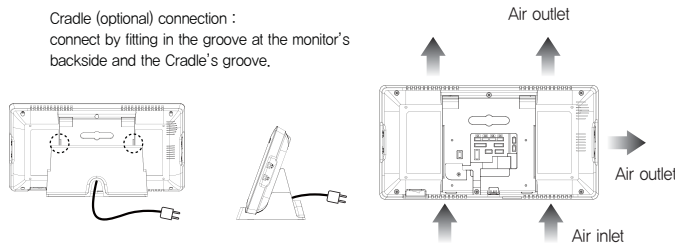
※ Precautions at the time of installation : Install so that the air ventilation hole at the back of the product does not get clogged. This could cause malfunction due to the heating of the product.
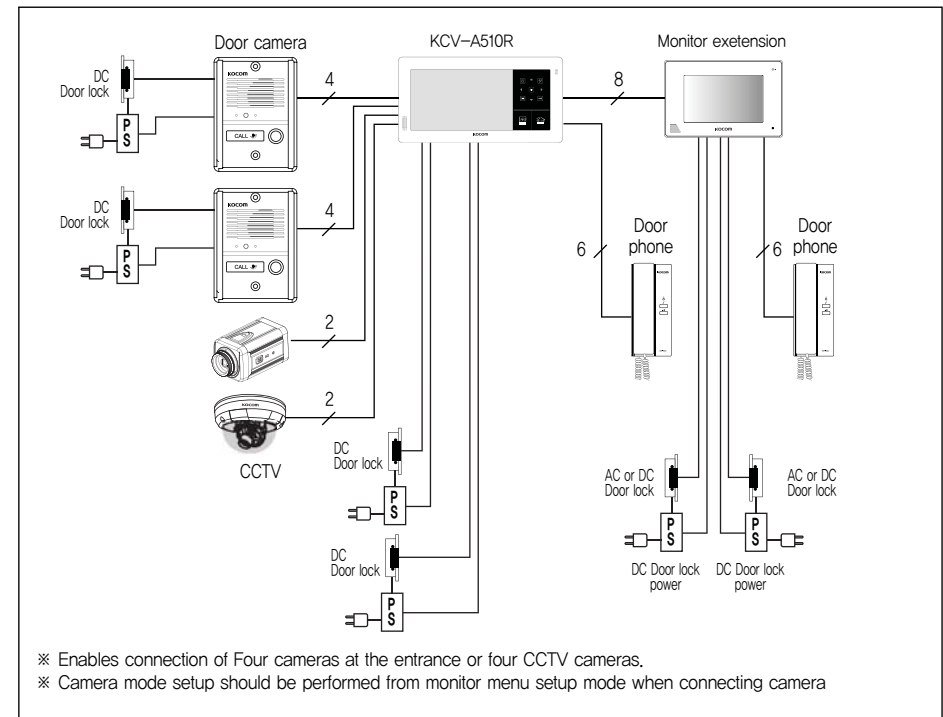
■ Name of each connection port

Camera 1
1 ① Vcc
② GND
③ Audio
4 ④ Video

Camera 2
1 ① Vcc
② GND
③ Audio
4 ④ Video

Camera 3
1 ① Vcc
② GND
③ Audio
4 ④ Video

Camera 4
1 ① Vcc
② GND
③ Audio
4 ④ Video

Door lock 2   Door lock 1

Sub audio phone
1 ① Data
② GND
③ Audio
④ +12v
⑤ Door open
6 ⑥ Door open

Extended monitor
1 ① CA1 Vcc
② GND
③ CA1 Audio
④ CA1 Video
⑤ CA2 Vcc
⑥ CA2 Audio
⑦ CA1 Video
8 ⑧ Data

DC Type Power cord

DC Type Power cord
ADAPTOR

⚠ CAUTION
Direction of the SD card

Product connection diagram

■ Full system configurations

Door camera   KCV-A510R   Monitor exetension

DC Door lock

DC Door lock

CCTV

DC Door lock

DC Door lock

Door phone   Door phone

AC or DC Door lock   AC or DC Door lock

DC Door lock power   DC Door lock power
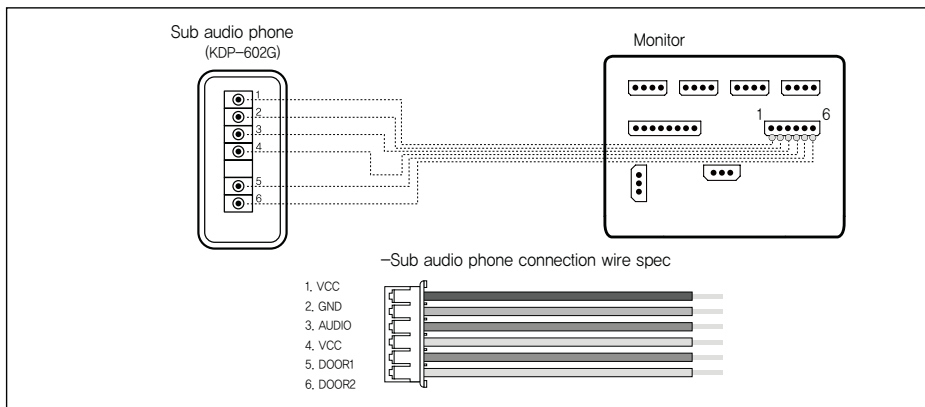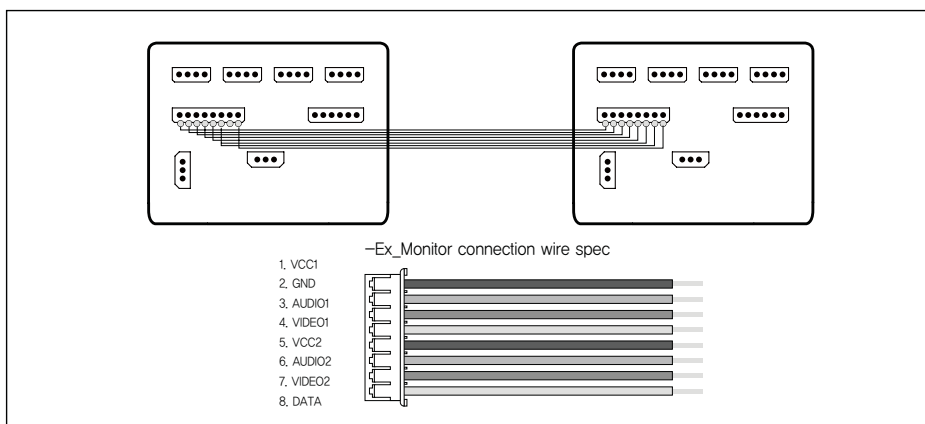
※ Enables connection of Four cameras at the entrance or four CCTV cameras.
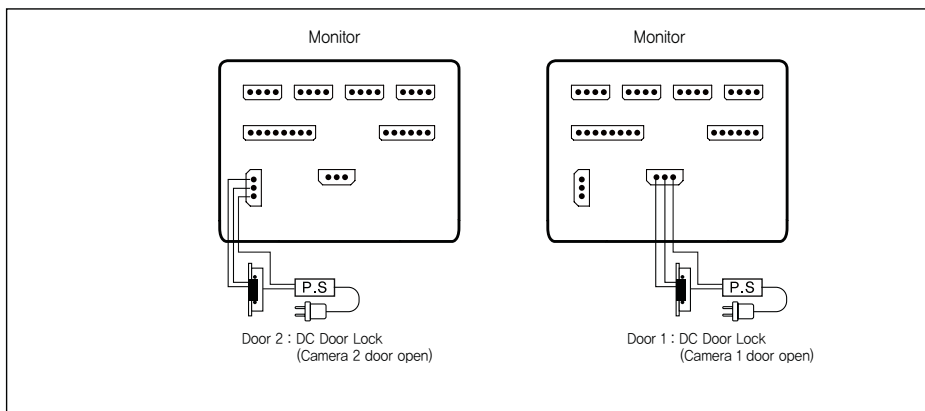※ Camera mode setup should be performed from monitor menu setup mode when connecting camera

■Sub audio phone connection

Sub audio phone
(KDP–602G)

Monitor

1
2
3
4
5
6

1 6

—Sub audio phone connection wire spec

1. VCC
2. GND
3. AUDIO
4. VCC
5. DOOR1
6. DOOR2

■Ex_monitor connection

—Ex_Monitor connection wire spec

1. VCC1
2. GND
3. AUDIO1
4. VIDEO1
5. VCC2
6. AUDIO2
7. VIDEO2
8. DATA

■Door lock connection

Monitor

Monitor

P.S

P.S

Door 2 : DC Door Lock
(Camera 2 door open)

Door 1 : DC Door Lock
(Camera 1 door open)

■Upto 100M : CAT5 cable

Orange
W / Orange

①VCC
double up

Green
W / Green

②GND
double up

Blue
W / Blue

③Audio
double up

Brown
W / Brown

④Video
double up
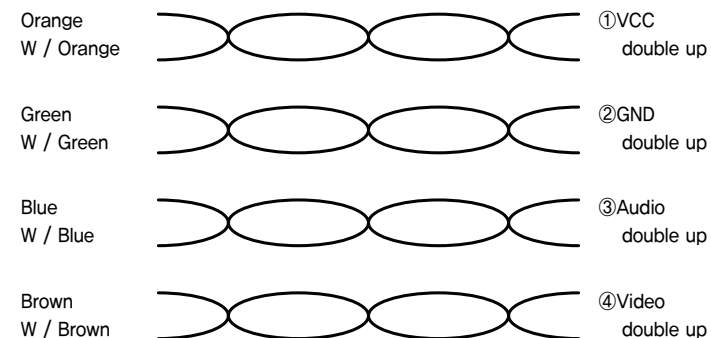
※ Based on distance from a camera to the monitor
※ CAT5 wire configuration
※ In case of more than 50m of CAT5 cable length, the screen and voice quality can get lower.

■ Upto 50M : TIV 0.65㎟cable
■ Upto 100M : Over TIV 0.8㎟cable
■ Upto 150M : TIV 0.8㎟cable + RG–59 / U
RG–59 / U (Coaxial cable) for Video signal
(Connect core to Video & shield to GND)

※ According to outside environment, you may view the images somewhat unclear.
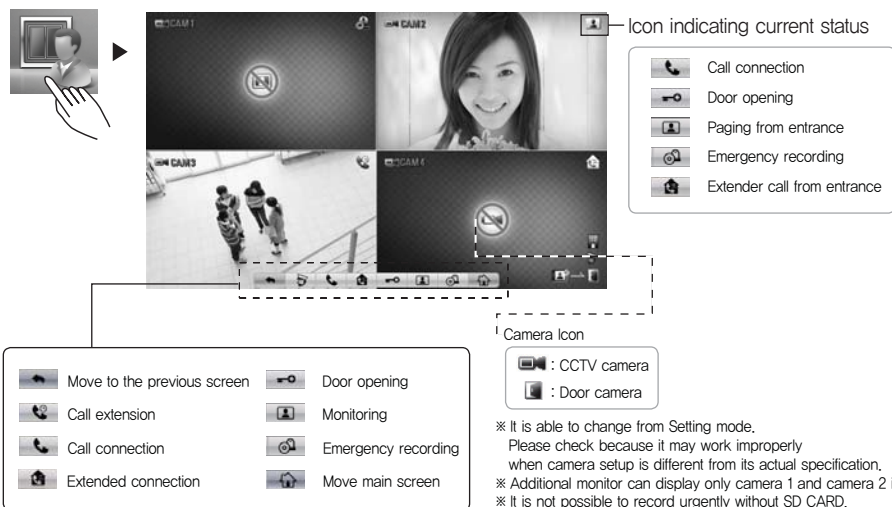However, they do not result from any defect or trouble of the product.

Main screen

It will enter to corresponding mode by pressing each mode icon from main screen.

Photo   Album mode   Set mode

Video Phone
Mode

05:23

KOCOM

Standby screen mode :
converts to the standby screen
mode immediately.

Current time
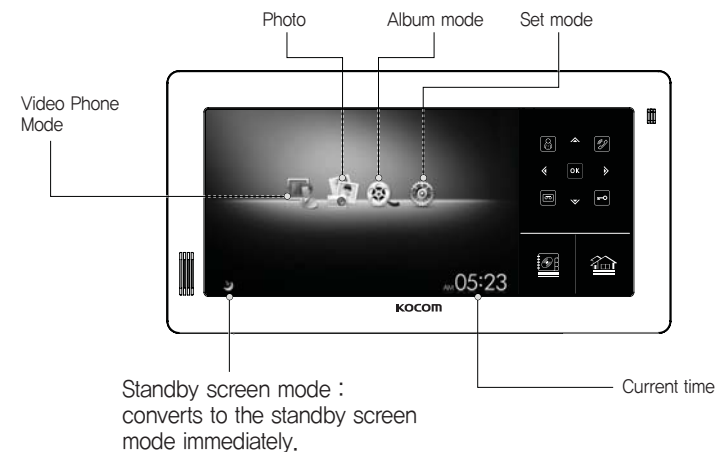
Video phone mode

Moves to video phone mode screen when video phone icon or 📱 key is pressed on while on the main screen.

Icon indicating current status

📞	Call connection
🔓	Door opening
👤	Paging from entrance
📹	Emergency recording
📷	Extender call from entrance

Camera Icon

📹 : CCTV camera

📷 : Door camera

	Move to the previous screen	🔓	Door opening
	Call extension	👤	Monitoring
	Call connection	📹	Emergency recording
	Extended connection		Move main screen

※ It is able to change from Setting mode.
  Please check because it may work improperly
  when camera setup is different from its actual specification.
※ Additional monitor can display only camera 1 and camera 2 image.
※ It is not possible to record urgently without SD CARD.

Paging and call from entrance

Orange color borderline is generated on the image of the camera at the entrance when page comes from the camera at the entrance.
When page comes from at least two cameras at the entrance, orange color borderline is generated on the image of the camera from where the last page arrived. Standby time for paging is 2 minutes.

Camera at the entrance and call get connected when the 📞 icon or key is pressed on while page from the entrance arrives. (Call time of 3 minutes) Call ends when it is pressed once again.
To extend the call time, 3 minutes get extended when icon is pressed on. (Two extensions)
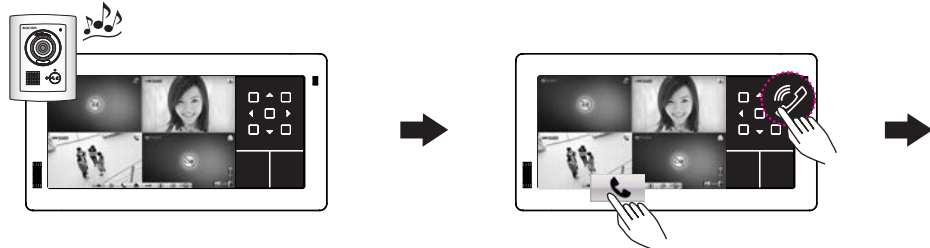
Door opens when the 🔓 icon or key is pressed on during a call. (Enabled while at the state in which switch is connected)
Operation time for door opening is up to 10 seconds. Modification is enabled at the video phone mode setting.
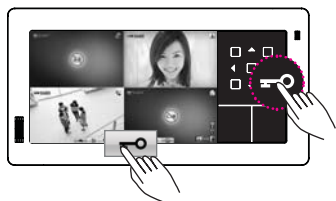

Entrance monitoring

This is the function that is used to monitor the entrance only by confirming the image without calling. Monitoring takes place while borderline gets
generated when the screen of the camera at the entrance is touched once on the monitor.

Monitoring takes place for the entire screen when the applicable screen is touched once more at this time.
Returns to QUAD screen when touched once more. Monitoring ends when 👤 icon or 📱 key is pressed on after applicable screen is selected.

Monitoring times are 1 (Default), 2, 3 and 4 minutes. Setting is enabled at the setting mode. Monitoring takes place at all times when CCTV that requires separate power is connected, and monitoring cannot be turned off forcefully. (However, it is necessary to convert the camera setting to CCTV from the setting screen.)
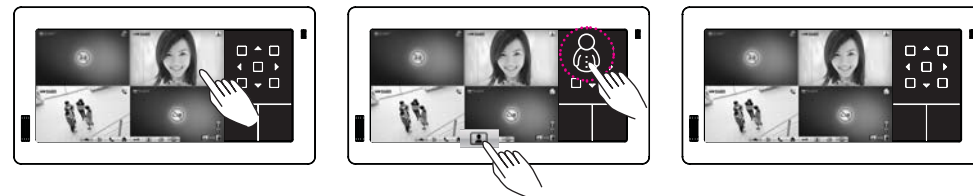

Station call and call

Monitor or interphone, connected in an extended manner is paged when the 📷 icon is pressed on or when the key is pressed on for a long time (at least 1 second).

Standby time for station call is 1 minute. Call gets connected when the other party answers the call. (Extension call time : 3 minutes)

Call gets connected when the 📞 icon or key is pressed on when paged from the extended monitor and interphone.
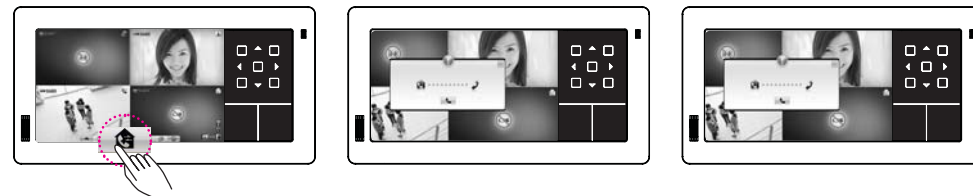

Recording of the image on the current screen

Current screen is recorded when 📹 icon or key is pressed on. Recording ends when record icon/key is pressed on once again.
Recording is enabled only during entrance monitoring and call from entrance.

When all the images of the camera at the entrance end while recording, it ends automatically. Recorded image can be confirmed at the DVR mode.
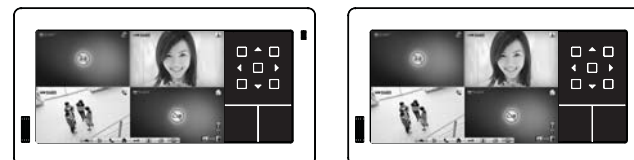
Album mode

Converts to already set album mode when album icon is pressed on while at the main screen.
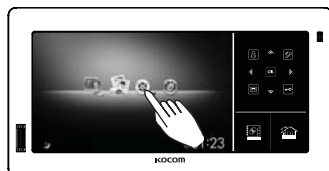
Touch the screen to end.

Image gets amplified proportionally, and it is not possible to increase or modify arbitrarily.

Setting mode

Moves to setting mode screen when setting icon is pressed on while at the main screen.

Video phone setting
Camera setting
Screen setting
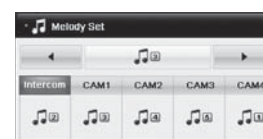Album setting
Language setting
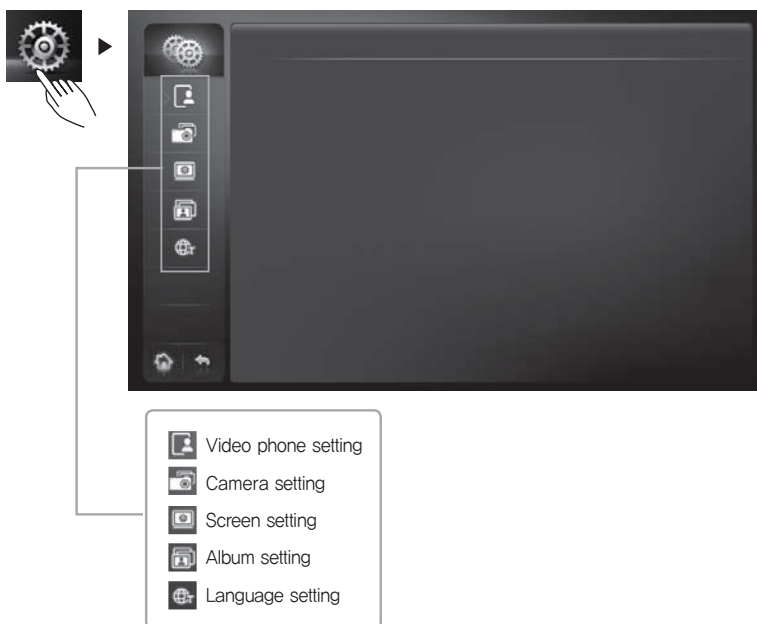
※It is executed when save setting is conducted with the save icon after inputting into the setting while at each setting mode.

Video phone setting

Moves to video phone setting screen when video phone setting icon is pressed on while at the setting mode screen.

Save   End

Melody setting :
Selects extender or camera to change and modifies sound of the melody.

Camera setting :
Select camera to change and selects CCTV or camera at the entrance.

Monitor time setting :
Sets up monitoring time.

Time setting for door opening :
sets up the time during which the door will be open after pressing on the door open button.
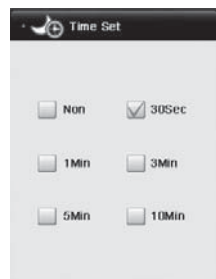
Screen mode

Moves to screen setting when screen setting icon is pressed on while at the setting mode.

- ↻ Initialization
- 🔍 Preview
- 💾 Save
- ⊗ End
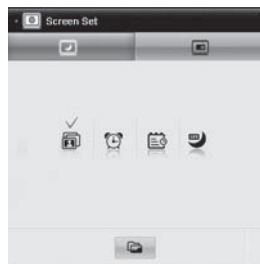
🖼 Standby screen setting :
sets up the mode to operate on standby screen.

🖼 Setting into album mode

🕐 Setting into clock mode

📅 Setting into scheduler mode

🌙 Setting into screen OFF mode

🖼 It sets the picture seen from Album mode operation.
Move to Album Setup Screen.
You can select or release the image to execute from Ibum.
Touching the picture on time to execute will select the
picture, and touching one more time will release it

Sets up the automatic operation time that
enters into standby screen mode.

🖼 QUAD background screen setting
: Sets up camera QUAD screen background
in the video phone/

Converts to standby screen mode when screen
setting is completed.
🌙 icon is pressed on the main screen to
convert immediately to standby screen mode
without automatic operation time. Returns to
previous screen when the screen is touched or
function key is pressed on while at the standby
screen mode. Default setting is screen OFF for
LCD lifetime.

Album setting

Moves to album setting screen when album setting icon is pressed on while at the setting mode screen.

- ↑ ↓ Move
- 🔍 Amplify and view image
- ↑ 05.. ↓ Album time setting
- 🖼 Select all the images
- Select all the images +
- 🖼 + 🗑 Delete all the images
- 🖼 Import USB photo file
- 🗑 Delete individual image
- 💾 Save   ⊗ End

Photo file can import only the file converted on
a PC by leveraging a program called the
PhotoConverter]. Execute the
PhotoConverter-setupfile
included in the CD to install the program on
the PC.
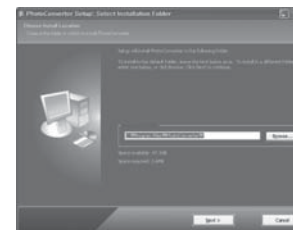
Convert photo file by importing desired photo
file by executing installed program.Select the
folder to save and save with the save icon.

Converts and moves the saved
file to a USB to save in DVR video
phone. Place in the USB into the
DVR video phone, and imports
photo album with the 🖼 icon
while at the album setting screen.
Touch the photos to save in order
to select them, and save with the

🖼 icon. Saved images are
listed when USB is taken out.

Convert into four file formats
during file conversion, and the
files must be placed in the DVR
video phone so that they can be
applied to the image in the album.
a.JPG → a.bmp
          a.bmp.data
          pre.a.bmp
          pre.a.bmp.data

Setup>Album Setup :
Only call, delete album file from USB is
available.

Screen Setup>Album Image Setup>Call
Album Image>Album Setup :
It selects or releases the file to execute from
Album Mode.

Convert individual image one by
one

- 📁 Import image
      (format suported : JPG)
- 📁 Open the screen for
      converting various images
- 📁 Select folder to save
- 💾 Save

Conversion of various images

- 📁 Importing various images
      all at once
- 📁 Select folder to save
- ▶ Image conversion
- ■ Cancellation

Language setting

Moves to DVR language page when language setting icon is pressed on while at the setting mode screen.

LANGUAGE ENGLISH ▼

Sets up to desired language.

Memo