VIII.SPECIFICATIONS

Switch Power Supply(SMPS)	100V～240V(50Hz/60Hz)
Power Consumption	Operation：6.5W±0.5W Standby:1.5W±0.5W
Chime Tones	Dingdong/ 8 Chord Melody Rings
Audio Communication System	Duplex Hand-Free
Automatically Shutdown Time	60 Seconds
Unlock Signal Output	12V/2A～100ms
Wiring	Cable between Monitor & Camera: 　　<50m:　0.5mm^2 　　>50m: 1.0mm^2 Door Lock Wiring: 18AWG, 1.0mm^2
Video Format	ASF
Photo Format	JPG
Memory Storage	2 GB Maximum
Working Temperature	-10^{0}C to +40^{0}C

Designs Subject to Change Without Prior Notice.

VIDEO-RECORDING
HAND-FREE COLOR VIDEO DOOR PHONE

INSTRUCTION MANUAL

SAFETY INSTRUCTION

1)DO NOT EXPOSE THIS DEVICE TO RAIN OR OTHER LIQUID;
2)POWER ON AFTER WIRING OF THE COMPLETE SYSTEM;
3)DO NOT DISMANTLE THE COVERS OR TRY TO SERVICE THE UNIT WITHOUT TECHNICAL PERSON;
4)KEEP THE USER MANUAL AND OTHER ACCESSORIES WELL;
5)FOLLOW THE INSTRUCTION OF OPERATION AND INSTALLING AFTERWARDS;
6)SOLDERING WELL OF THE JUNCTION END OF WIRES

Introduction of System

Welcome to use our DVR Video door phone, it will bring more security to your family.

The DVR product with latest CCTV technologies bears Recording function of videos or/and photos. We provide bulky memory to save all the video/photos and you can keep the videos/photos for long time, and download videos/photos to computer as one universal connector USB port is provided to help you do this.

We provide friendly user-guide menu to help you operate and set the door phone, videos/photos can be replayed, deleted, favorite ring melody can be changed and time and date can also can set.

Apart from the recording function, it also bears basic function of clear dual-way communication, unlock, alert, surveillance and night vision.
Please read the user manual before installing and wiring. Do retain it for future reference. Hope our product satisfies you mostly.

Please check your kit with this manual we have option of Video/Photo Memory for this product.
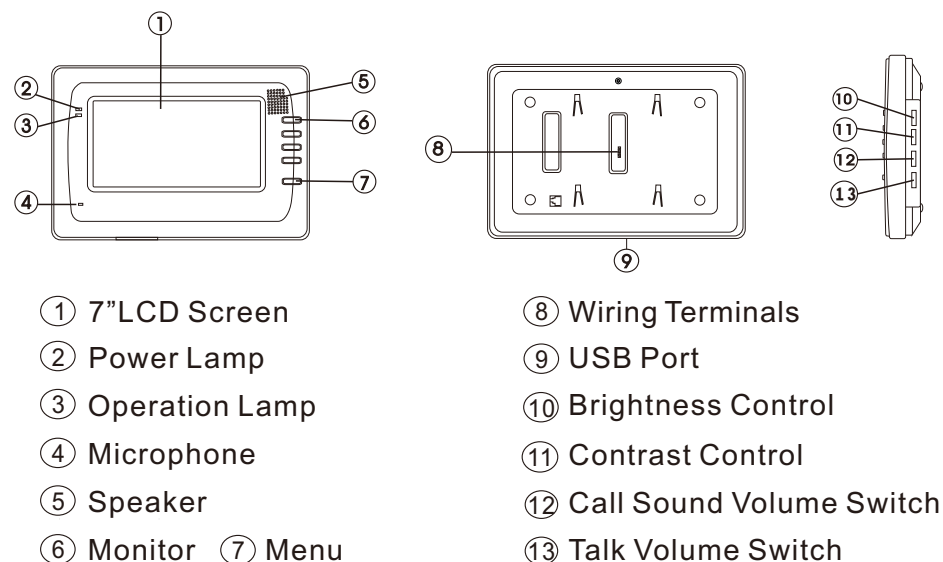
Photo-Memory Only	☐VDP-C37DP	☐VDP-C33DP
Video-Recording Only	☐VDP-C37DVR	☐VDP-C33DVR
Photo/Video Both	☐VDP-C37VP	☐VDP-C33VP

Checklist of package

Monitor;	☐ 1PC
Outdoor Station;	☐ 1PC
Cable;	☐ 1PC(4-wire, usually 15 meters)
Mounting bracket;	☐ 1PC
Mounting screws ;	☐ 1PC

AC/DC Power Adaptor(N/A in Built-in Power supply Models) ☐ 1PC
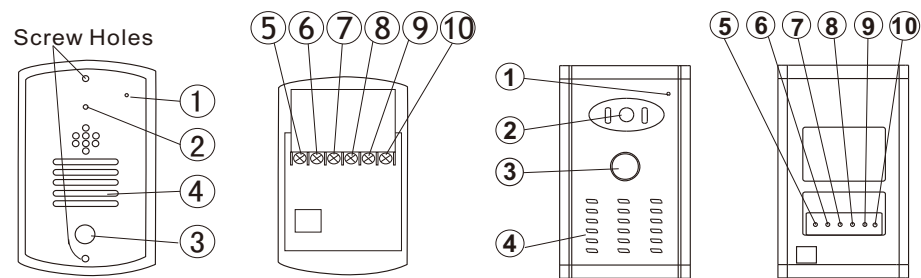
I. FUNCTIONAL COMPONENTS

● INDOOR MONITOR VDP-C37DVR

① 7"LCD Screen	⑧ Wiring Terminals
② Power Lamp	⑨ USB Port
③ Operation Lamp	⑩ Brightness Control
④ Microphone	⑪ Contrast Control
⑤ Speaker	⑫ Call Sound Volume Switch
⑥ Monitor ⑦ Menu	⑬ Talk Volume Switch

● INDOOR MONITOR VDP-C33DVR

① 5.6-inch TFT-LCD	⑦ Warning	⑬ Recording
② Microphone	⑧ Return	⑭ Connecting Terminal strip
③ Speaker	⑨ Up	⑮ Brightness Adjustor
④ Monitor	⑩ Down	⑯ Contrast Adjustor
⑤ Talking	⑪ Menu	⑰ Ring Volume Adjustor
⑥ Unlock	⑫ Confirm	⑱ USB Port

● OUTDOOR STATIONS

Screw Holes

⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① ② ④ ③

ODS-S□

⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① ② ③ ④

ODS-5□

⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① ③ ② ④

ODS-J□

⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① ② ③ ④

ODS-A□

① Microphone
③ Call
⑤ Wiring Terminal to Monitor "V"(Video)
⑥ Wiring Terminal to Monitor "GND"(Power-)
② Camera
④ Speaker
⑦ Wiring Terminal to Monitor "A"(Audio)
⑧ Wiring Terminal to Monitor "+"(Power+)
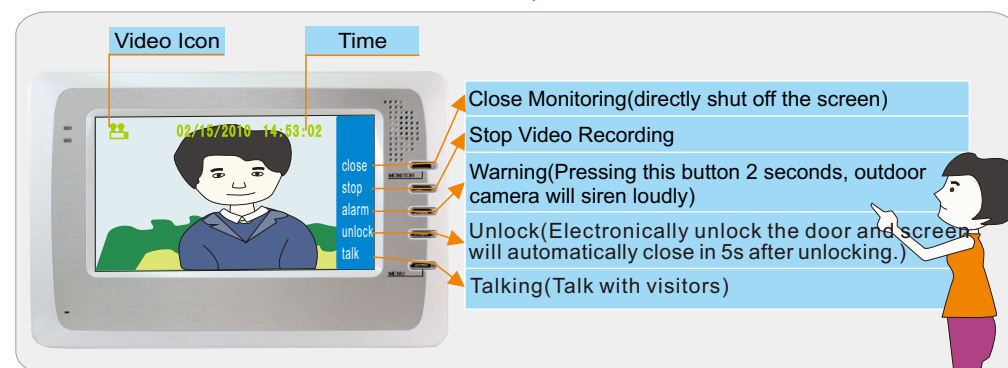⑨ Lock Connector "UNL+"
⑩ Lock Connector "UNL-"

Ⅱ. Menu Checklist

Stand-by

Monitor
— Close Monitoring
— Video Recording — Start Recording
— Stop Recording
— Warning
— Unlocking
— Talking

Menu — Main Panel

Video Playback
— Video Files Playing
— Play
— Pause
— Volume Reduce
— Volume Increase
— Video Files Deleting
— Delete One(Selected)
— Delete All

Function Settting
— Video/Photo
— Ring Setting — 1-9 Melody Rings

Time Setting
— Year (1900~2100)
— Month (01~12)
— Day (01~31)
— Hour (00~23)
— Minute (00~59)
— Second (00~59)

Storage check

III.Operation Instruction of VDP-C37DVR Series

1. Warning, Unlocking & Talking

Press Call Button ▶▶▶

Automatically Display ⬇

Video Icon   Time

02/15/2010 14:53:02

close
stop
alarm
unlock
talk

Close Monitoring(directly shut off the screen)

Stop Video Recording

Warning(Pressing this button 2 seconds, outdoor camera will siren loudly)

Unlock(Electronically unlock the door and screen will automatically close in 5s after unlocking.)

Talking(Talk with visitors)

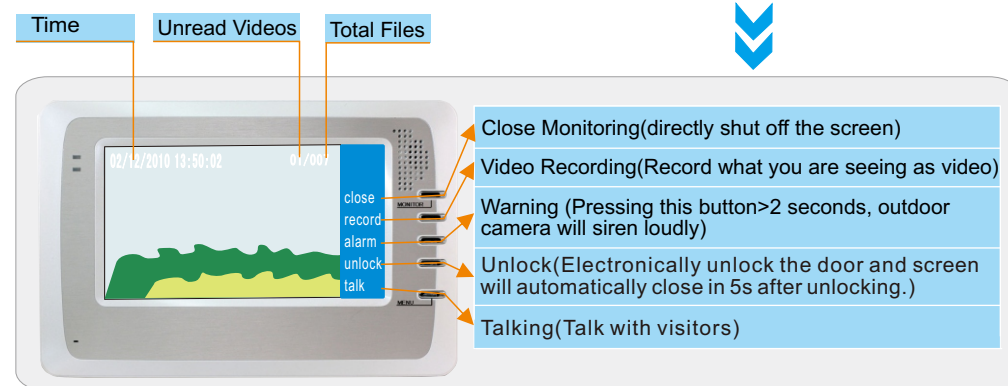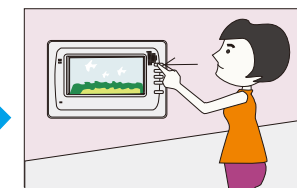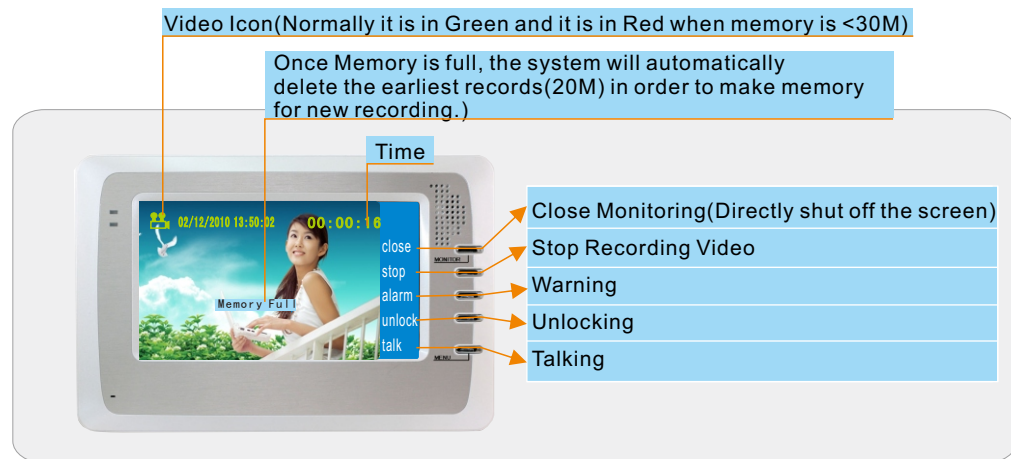## 2. Monitoring

Press Monitor Button under standby mode ▶▶▶
if you want to monitor outside the door.

⬇

Time   Unread Videos   Total Files

02/12/2010 13:50:02   01/002

close
record
alarm
unlock
talk

Close Monitoring(directly shut off the screen)

Video Recording(Record what you are seeing as video)

Warning (Pressing this button>2 seconds, outdoor camera will siren loudly)

Unlock(Electronically unlock the door and screen will automatically close in 5s after unlocking.)
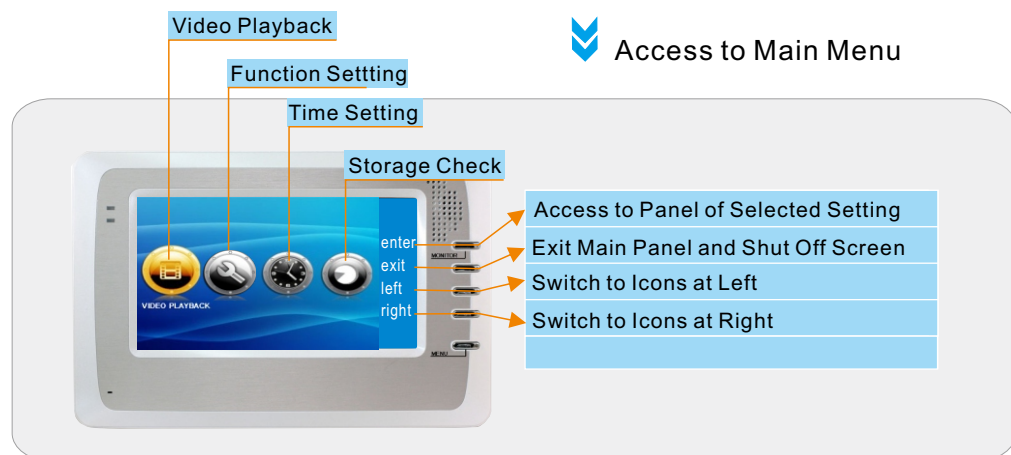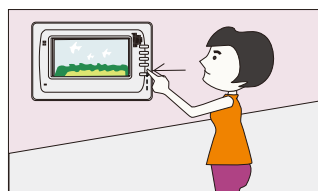
Talking(Talk with visitors)

3. Video Recording

Press Record Button under monitoring or talking mode, video icon and record time will be showed on the screen. It lasts 60 seconds if no action operated on the door phone, you can also stop recording by pressing "stop "button
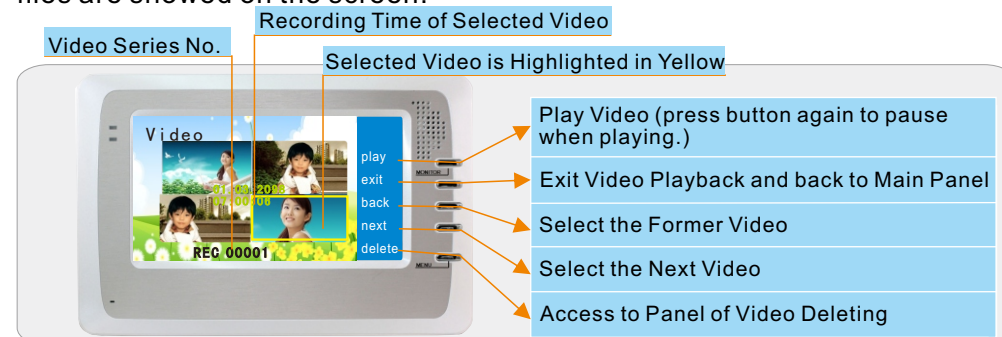
Video Icon(Normally it is in Green and it is in Red when memory is <30M)

Once Memory is full, the system will automatically delete the earliest records(20M) in order to make memory for new recording.)

Time

02/12/2010 13:50:02   00:00:16

Memory Full

close — Close Monitoring(Directly shut off the screen)
stop — Stop Recording Video
alarm — Warning
unlock — Unlocking
talk — Talking

4. Menu Operating

Under standby mode, press "Menu" Button

Access to Main Menu

Video Playback
Function Settting
Time Setting
Storage Check

VIDEO PLAYBACK

enter — Access to Panel of Selected Setting
exit — Exit Main Panel and Shut Off Screen
left — Switch to Icons at Left
right — Switch to Icons at Right

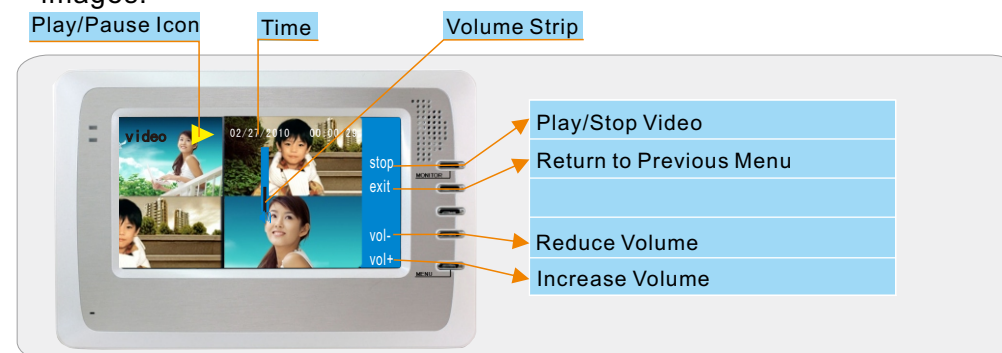## 4.1.Video Playback

After accessing to the menu, a group(4/group) of thumbnail images of video files are showed on the screen.

Recording Time of Selected Video

Video Series No.

Selected Video is Highlighted in Yellow

Video

play — Play Video (press button again to pause when playing.)
exit — Exit Video Playback and back to Main Panel
back — Select the Former Video
next — Select the Next Video
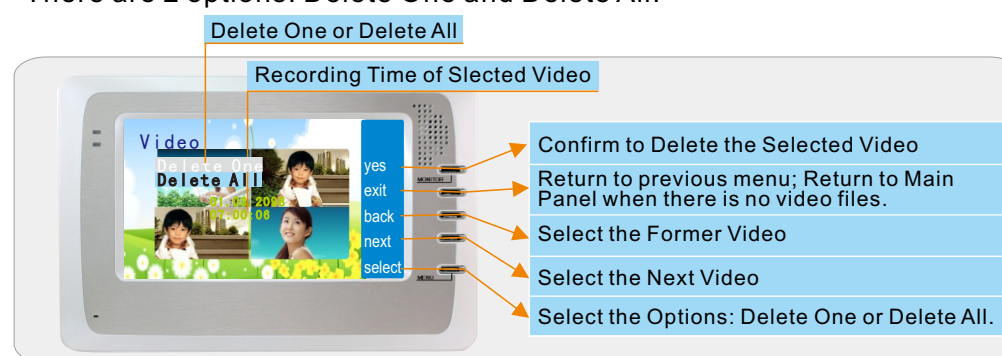delete — Access to Panel of Video Deleting

REC 00001

a. Videos Playing

After selecting the video you want to check, then press Play Button to play, it will continuously play the video in time sequence until you stop it by Stop Button or it will play all the videos. Press Exit Button to return to Thumbnail images.
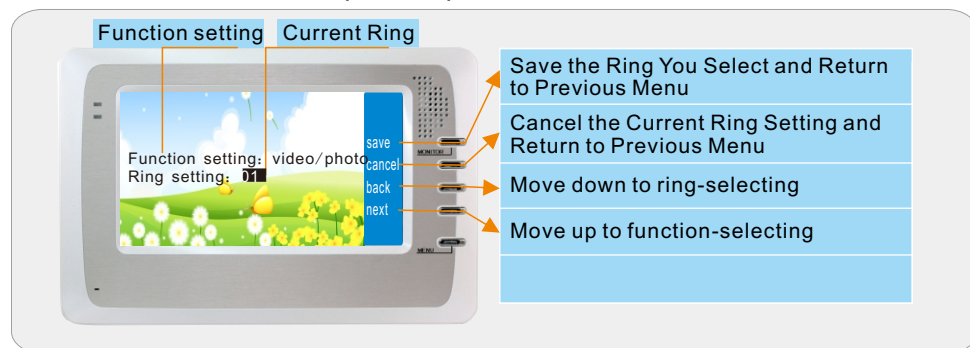
Play/Pause Icon   Time   Volume Strip

video   02/27/2010   00:00:29

stop — Play/Stop Video
exit — Return to Previous Menu

vol- — Reduce Volume
vol+ — Increase Volume

b.Videos Deleting

In the thumbnails list of videos, press Delete Button to delete the videos. There are 2 options: Delete One and Delete All.
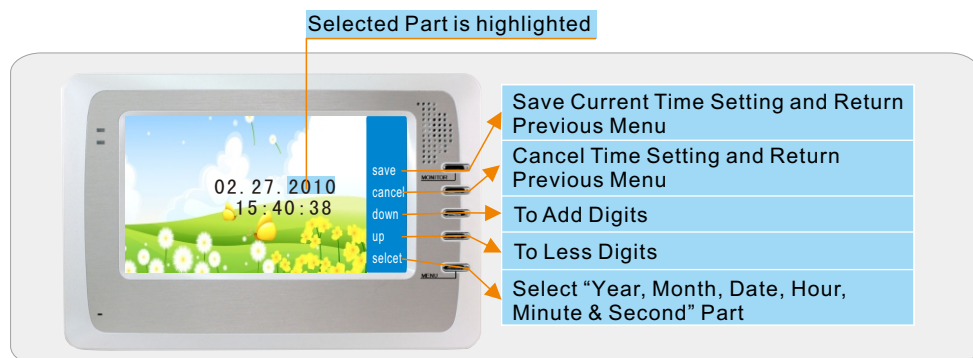
Delete One or Delete All

Recording Time of Slected Video

Video

Delete One
Delete All

yes — Confirm to Delete the Selected Video
exit — Return to previous menu; Return to Main Panel when there is no video files.
back — Select the Former Video
next — Select the Next Video
select — Select the Options: Delete One or Delete All.

4.2. Function Setting

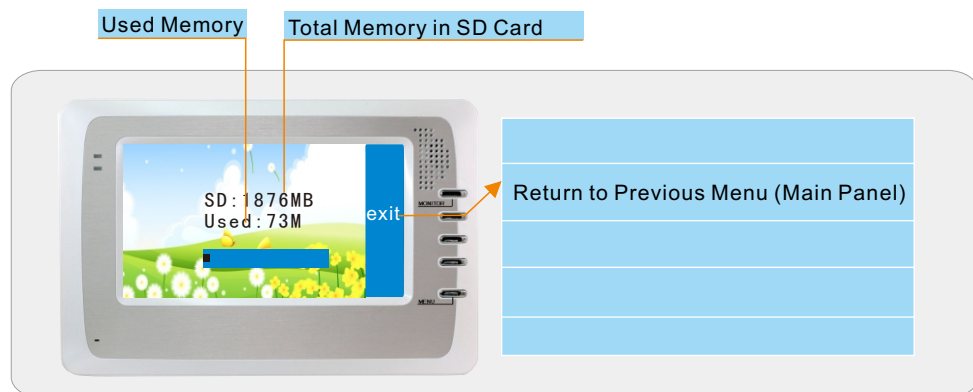You can select ring chime tones and video/ photo option here

Function setting   Current Ring

Function setting: video/photo
Ring setting: 01

- save
- cancel
- back
- next

Save the Ring You Select and Return to Previous Menu

Cancel the Current Ring Setting and Return to Previous Menu

Move down to ring-selecting

Move up to function-selecting

4.3.Time Setting

Accessing to Time Setting then press Select Button to set "year, month, date, hour, minute and second" accordingly.

Selected Part is highlighted

02. 27. 2010
15:40:38

- save
- cancel
- down
- up
- selcet

Save Current Time Setting and Return Previous Menu

Cancel Time Setting and Return Previous Menu

To Add Digits

To Less Digits

Select "Year, Month, Date, Hour, Minute & Second" Part

4.4.Storage Check

Accessing to Storage Check to check percentage of usage and total memory.

Used Memory   Total Memory in SD Card

SD:1876MB
Used:73M

exit

Return to Previous Menu (Main Panel)

5. Computer Download

Connect the USB port with PC's with USB bridge cable to download the videos.

USB Bridge Cable
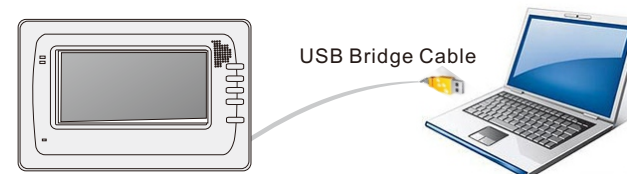
6. Outdoor Station

1. When a visitor presses Call Button, a confirming tone is heard which verifies the call is going.
2. The person inside presses "Talk" Button to answer the call and talk with the visitor through microphones.
3. The unit is built in infrared & white LEDs, you can see the visitors clearly even at deep night.
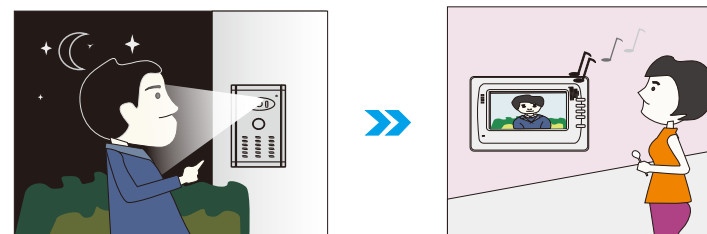
4. For ODS-J bearing 3 cameras at the door station gives you 3 view direction(up, down right, down left) of visions which is much helpful for you to identify visitors before opening your door.

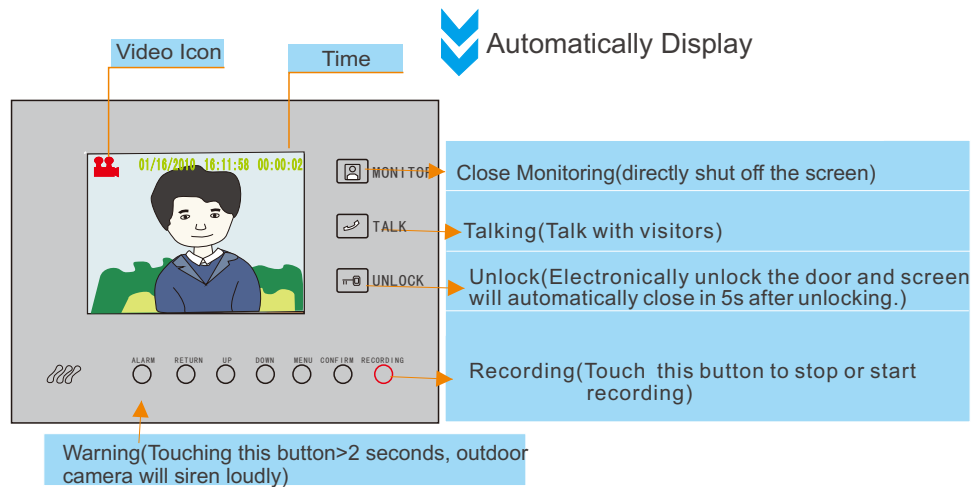# IV.Operation Instruction of VDP-C33DVR Series

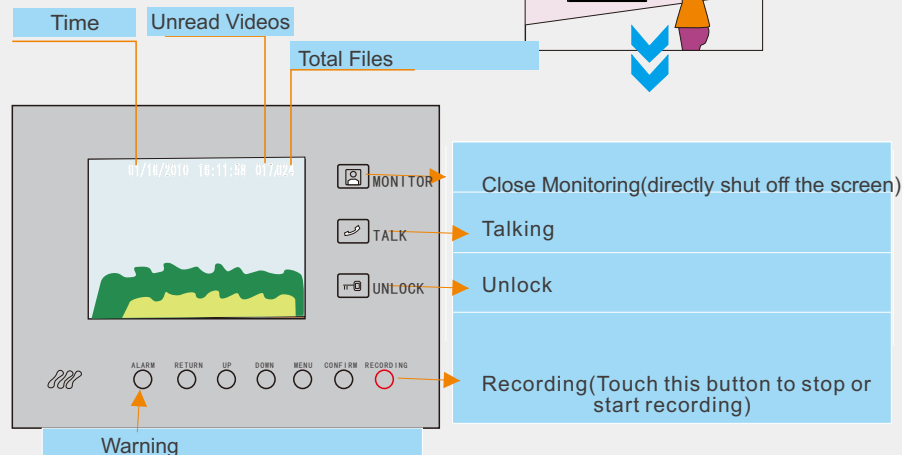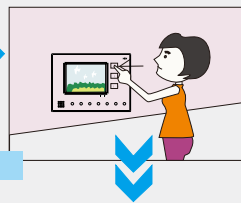## 1. Warning, Unlocking & Talking

Press Call Button ➤➤

Tip:
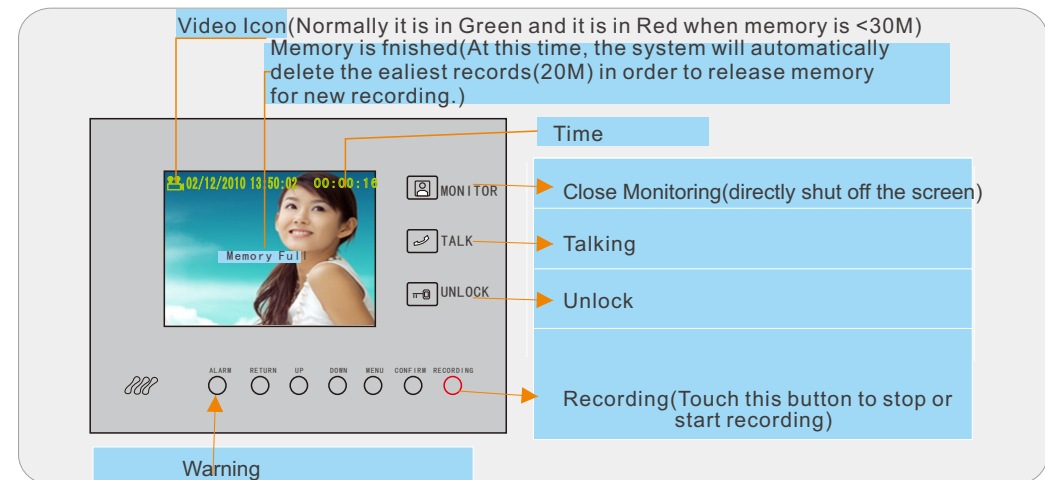Under basic function mode, "Return, Up, Next, Menu and Confirm" buttons don't work until return to Menu-setting mode.

⬇ Automatically Display

Video Icon   Time

01/18/2010 16:11:58 00:00:02

MONITOR → Close Monitoring(directly shut off the screen)

TALK → Talking(Talk with visitors)

UNLOCK → Unlock(Electronically unlock the door and screen will automatically close in 5s after unlocking.)

ALARM RETURN UP DOWN MENU CONFIRM RECORDING

Recording(Touch this button to stop or start recording)

Warning(Touching this button>2 seconds, outdoor camera will siren loudly)

2. Monitoring

Touch Monitor Button under standby mode if you want to monitor outside the door. ➤

⬇

Time   Unread Videos

Total Files

01/16/2010 16:11:58 017/024

MONITOR → Close Monitoring(directly shut off the screen)

TALK → Talking

UNLOCK → Unlock

ALARM RETURN UP DOWN MENU CONFIRM RECORDING

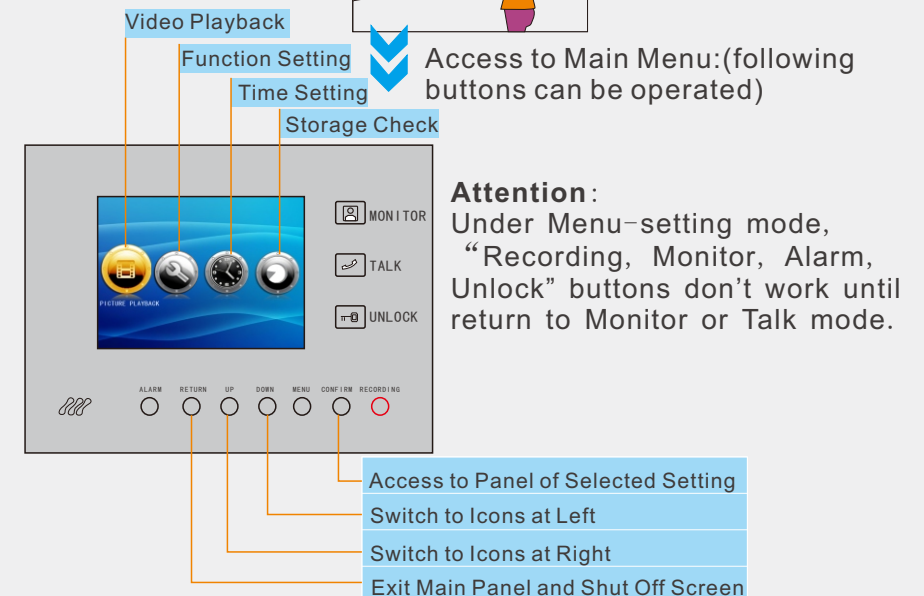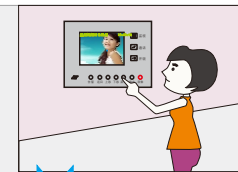Recording(Touch this button to stop or start recording)

Warning

3. Video Recording

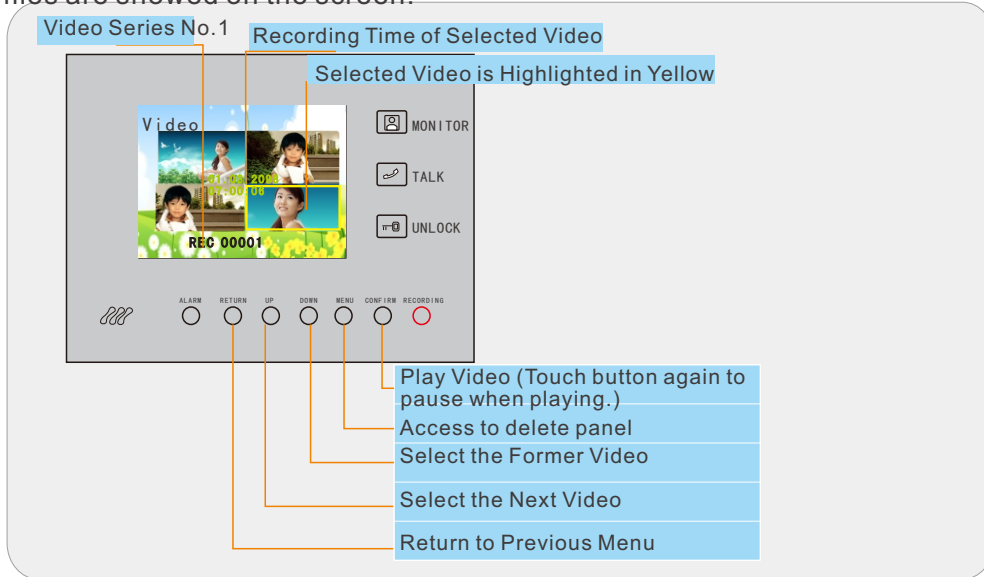Touch "Recording" button to start recording (The recording button doesn't work under standby and Menu-setting modes.)

Video Icon(Normally it is in Green and it is in Red when memory is <30M)
Memory is fnished(At this time, the system will automatically delete the ealiest records(20M) in order to release memory for new recording.)

Time

02/12/2010 13:50:02 00:00:16

Memory Full

MONITOR → Close Monitoring(directly shut off the screen)

TALK → Talking

UNLOCK → Unlock

ALARM RETURN UP DOWN MENU CONFIRM RECORDING

Recording(Touch this button to stop or start recording)

Warning

4. Menu Displaying

Under standby mode, Touch "Menu" Button ➤➤

Video Playback
Function Setting
Time Setting
Storage Check

⬇ Access to Main Menu:(following buttons can be operated)

Attention:
Under Menu-setting mode, "Recording, Monitor, Alarm, Unlock" buttons don't work until return to Monitor or Talk mode.

PICTURE PLAYBACK

MONITOR

TALK

UNLOCK

ALARM RETURN UP DOWN MENU CONFIRM RECORDING

Access to Panel of Selected Setting

Switch to Icons at Left

Switch to Icons at Right

Exit Main Panel and Shut Off Screen

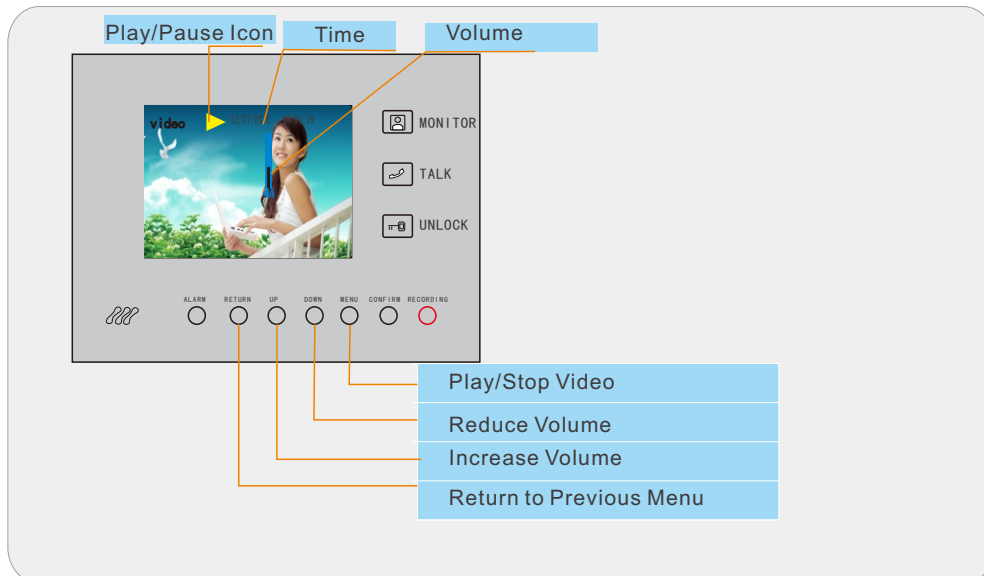## 4.1 Video Playback

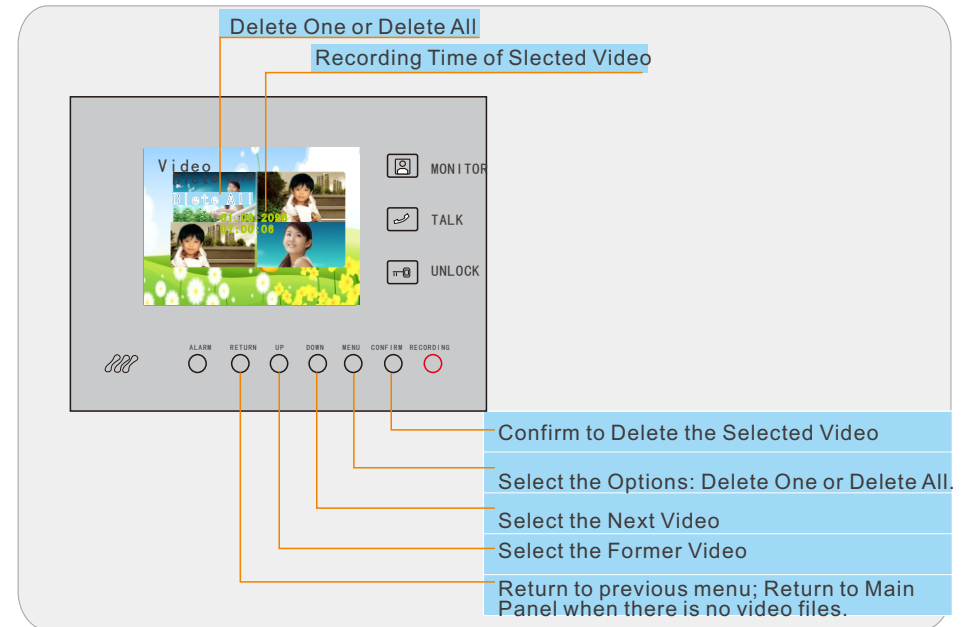After accessing to the menu, a group(4/group) of thumbnail images of video files are showed on the screen.

Video Series No.1
Recording Time of Selected Video
Selected Video is Highlighted in Yellow

Play Video (Touch button again to pause when playing.)
Access to delete panel
Select the Former Video
Select the Next Video
Return to Previous Menu

a.Videos Playing

After selecting the video you want to check, then touch Play Button to play, it will continuously play the video in time sequence until you stop it by Stop Button or it finishes playing off all the following videos. After playing, touch Exit Button to return to Thumbnail images.

Play/Pause Icon   Time   Volume

Play/Stop Video
Reduce Volume
Increase Volume
Return to Previous Menu

b.Videos Deleting

In the thumbnails list of videos, touch Delete Button to delete the videos. There are 2 options: Delete One and Delete All.
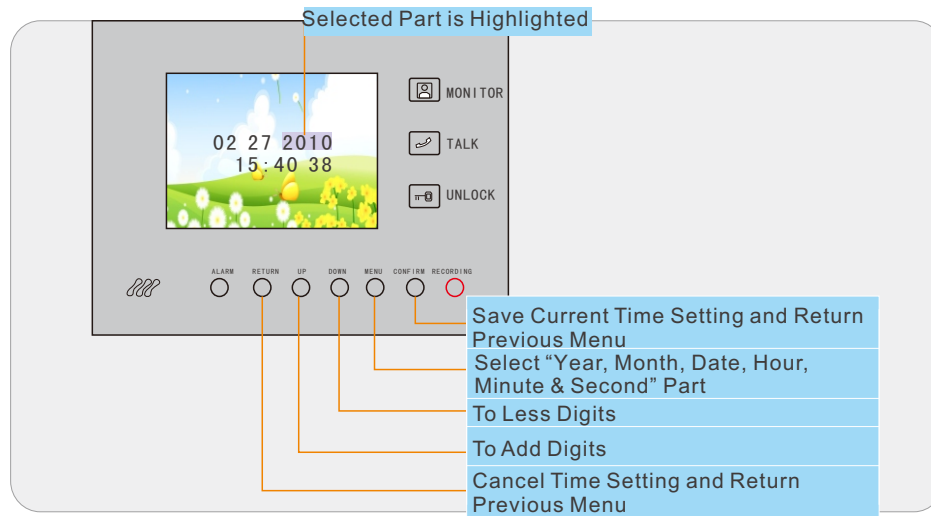
Delete One or Delete All
Recording Time of Slected Video

Confirm to Delete the Selected Video
Select the Options: Delete One or Delete All.
Select the Next Video
Select the Former Video
Return to previous menu; Return to Main Panel when there is no video files.

4.2 Function Setting

You can select ring chime tones and video/photo option here

Function setting   Current Ring

Function setting: vide/photo
Ring setting:

Save the Ring You Select and Return to Previous Menu
Move up to function-selecting
Move down to ring-selecting
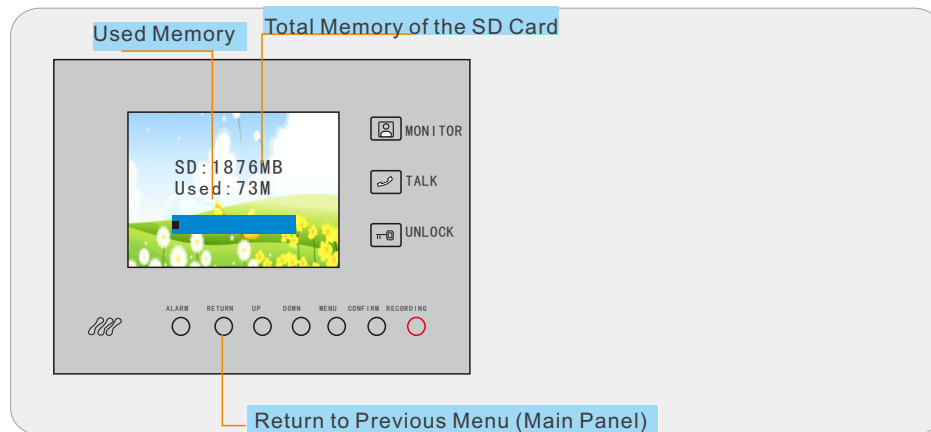Cancel the Current Ring Setting and Return to Previous Menu
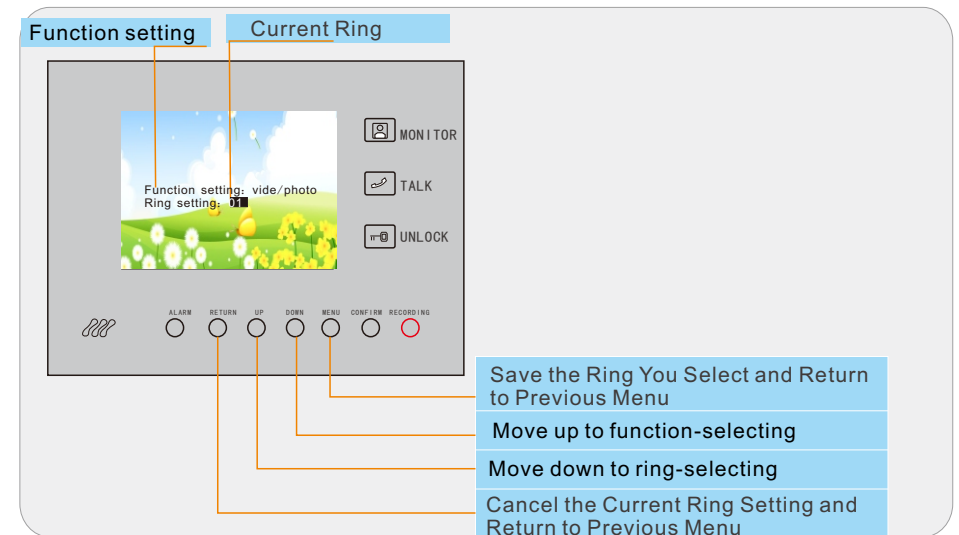
4.3 Time Setting

Accessing to Time Setting then touch Select Button to set "year, month, date, hour, minute and second" accordingly.

Selected Part is Highlighted

```
02 27 2010
15:40 38
```

☑ MONITOR
✎ TALK
☐ UNLOCK

ALARM RETURN UP DOWN MENU CONFIRM RECORDING

Save Current Time Setting and Return Previous Menu

Select "Year, Month, Date, Hour, Minute & Second" Part

To Less Digits

To Add Digits

Cancel Time Setting and Return Previous Menu

4.4 Storage Check

Accessing to Storage Check to check percentage of usage and total memory.

Used Memory   Total Memory of the SD Card

```
SD:1876MB
Used:73M
```

☑ MONITOR
✎ TALK
☐ UNLOCK

ALARM RETURN UP DOWN MENU CONFIRM RECORDING

Return to Previous Menu (Main Panel)

5. Computer Download

Connect the USB port with PC's with USB bridge cable to download the videos.

USB Bridge Cable
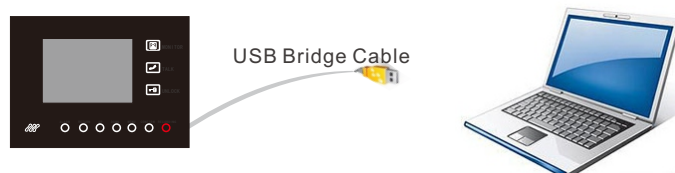
Outdoor Station

1. When a visitor presses Call Button, a confirming tone is heard which verifies the call is going.

2. The person inside presses Talk Button to answer the call and talk with the visitor through microphones.

3. The unit is built in infrared & white LEDs, you can see the visitors clearly even at deep night.
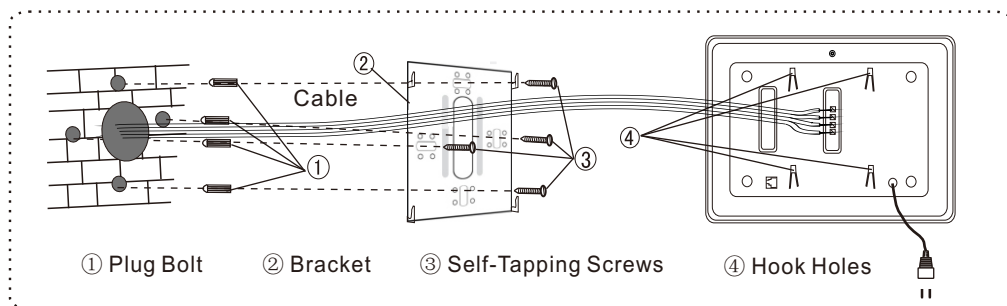
V. Wiring

V
GND
A
+

V   GND   A   +   UNL+   UNL-
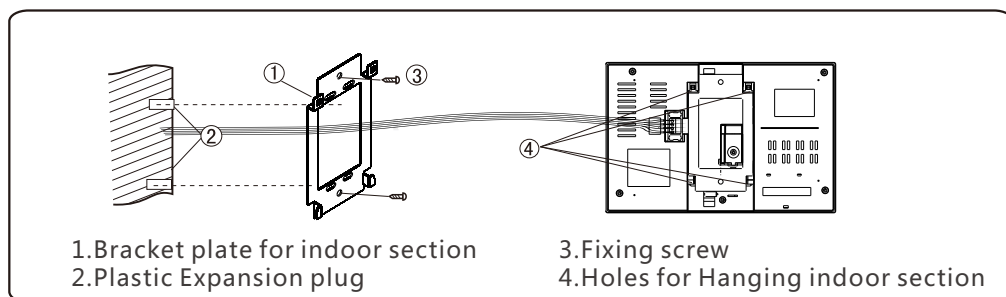Outdoor Camera

Indoor Monitor

Door Lock
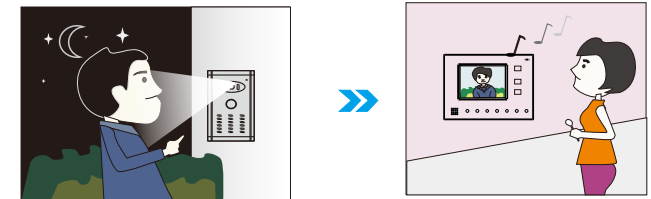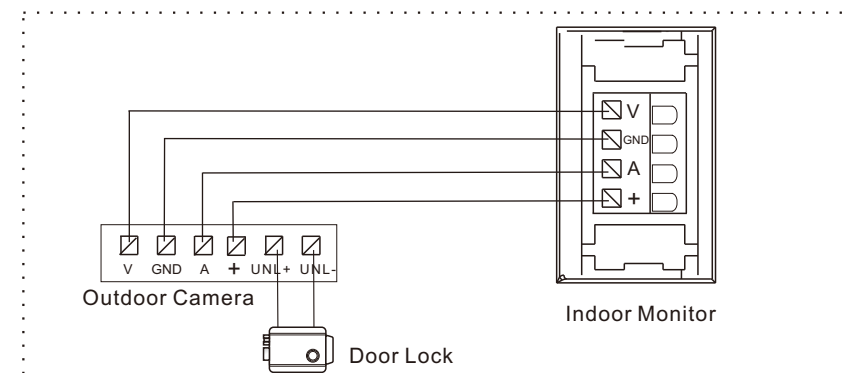
VI. Installing of Indoor Monitor

1) Select a mounting location to an AC outlet but the monitor cannot be exposed to dirt, direct sunlight(or other strong light), direct moisture conditions. After determining the location, attach mounting bracket securely to the wall.

2) Drill a hole in the center area of the bracket just big enough for the electrical wiring to pull through, and drill small holes for plug bolts.

3) Insert and fix the plug bolts in the small holes, then attach the mounting bracket to the wall and fix with self-tapping screws.

4) Connect well the wires from Wiring Terminal and pull through the central hole which connect to the Outdoor Station.

5) Attach the wired monitor unit to the bracket by setting the monitor over the four bracket hooks and sliding it down.

VDP-C37DVR Series

Cable

① Plug Bolt   ② Bracket   ③ Self-Tapping Screws   ④ Hook Holes

VDP-C33DVR Series

1.Bracket plate for indoor section   3.Fixing screw
2.Plastic Expansion plug   4.Holes for Hanging indoor section

VII. Installing of Outdoor Station

The monitor is compatible with several camera units (ODS-J/ODS-S/ODS-5 ODS-A are optional.). Please verify the model no. before installation and follow correct directions. The recommended location of camera unit is at the height 150~170cm from central part of Camera to the floor (for reference only).

1.5-1.7m
60"
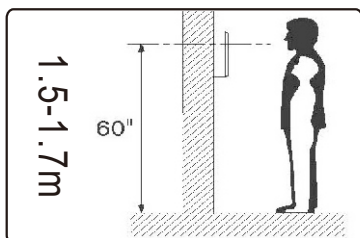
Notes: Do not expose the camera unit to direct sunlight and be sure it is shield from storm rain. The background of visitors may be affected by street lamp and other strong light, you can mount some lamps to highlight for clearer images of visitors.

① Dig a square hole which is the same size of the Flush Box in the wall and drill a hole in the center for wiring and 2 small holes for plug bolts.

② Fix the plug bolts in the 2 small holes and put the Flush Box into the wall and fix with 2 self-tapping screws.

③ Pull the wiring which connect to Monitor Unit through the central hole and connect well with Terminals "V, GND, A & +". Also prepare 2 wires to connect with Lock Connectors "UNL+ & UNL-" and pull through Flush Box and central hole in the wall and connect with the door lock.

④ Put the wired Camera Unit in the Flush Box and fix with 2 Hex Socket Cap Screws.

Put-in
Cable
Hex Socket Screw Key (Provided)
Flush Box
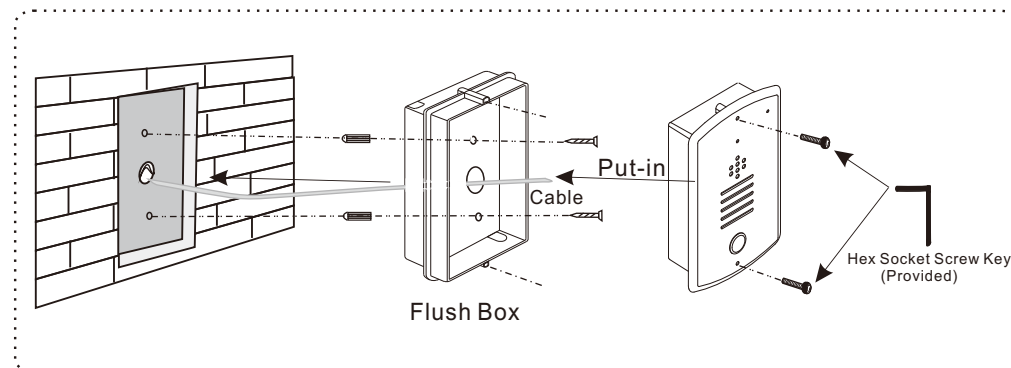
2) ODS-5

① Dig a square hole which is the same size of the Flush Box in the wall and drill a hole in the center for wiring and 4 small holes for plug bolts.

② Fix the plug bolts in the 4 small holes and put the Flush Box into the wall and fix with 4 self-tapping screws.

③ Pull the wiring which connect to Monitor Unit through the central hole and connect well with Terminals "V, GND, A & +". Also prepare 2 wires to connect with Lock Connectors "UNL+& UNL-" and pull through Flush Box and central hole in the wall and connect with the door lock.

④ Put the wired Camera Unit in the Flush Box and fix with 4 drive screws.

Put-in

Cable

Flush Box

Drive Screws
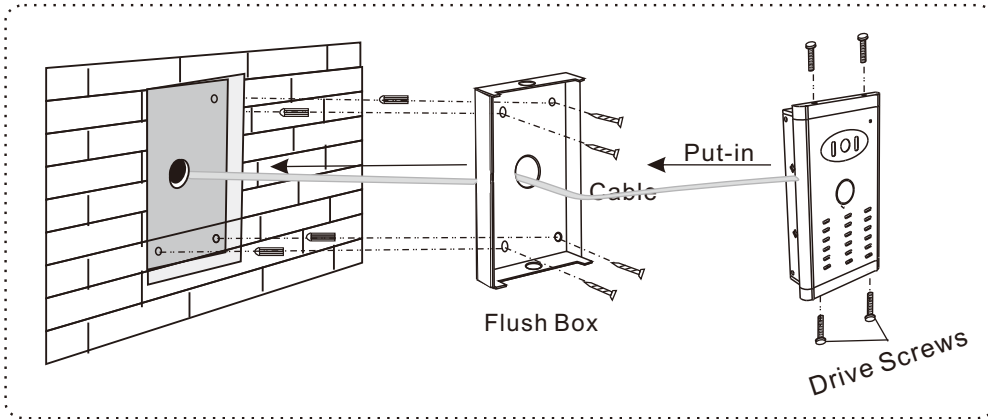
3) ODS-A

(1)Frame part : Surface-mount the frame part
Make holes for the screw by wall plastic expasion plug and fasten the screws according to the hole of the frame part.

(2)The recommended height of 150CM helps the camera for proper monitoring range. First , put the clasp in the frame with four screws, then secure the frame into the wall.

(3)Connect the wires from the camera unit to the monitor wiring terminal.

(4)In the end install the outdoor section in the frame as depicted on the figure below. Tighten up screw from the bottom.

Back

Front

plastic expansion plug
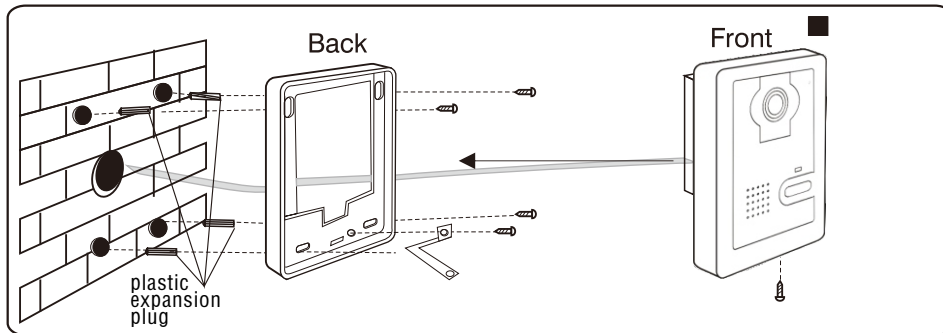
4) ODS-J

① Drill a hole in the center area of the bracket just big enough for the electrical wiring to pull through. And drill 2 small holes for the plug bolts.

② Insert and fix the plug bolts in the 2 small holes, then attach the mounting bracket to the wall and fix with 2 self-tapping screws.

③ Pull the wiring which connect to Monitor Unit through the central hole and connect well with Terminals "V, GND, A & +". Also prepare 2 wires to connect with Lock Connectors "UNL+ & UNL-" and pull through Bracket and central hole in the wall and connect with the door lock.

④ Put the wired Camera Unit in the bracket and pop out the tab at the bottom of the unit. Fix it with drive screw and press back the tab.

Bracket

Cable

Put-in

Drive Screw

Pop-out Tab

Self-Tapping Screws
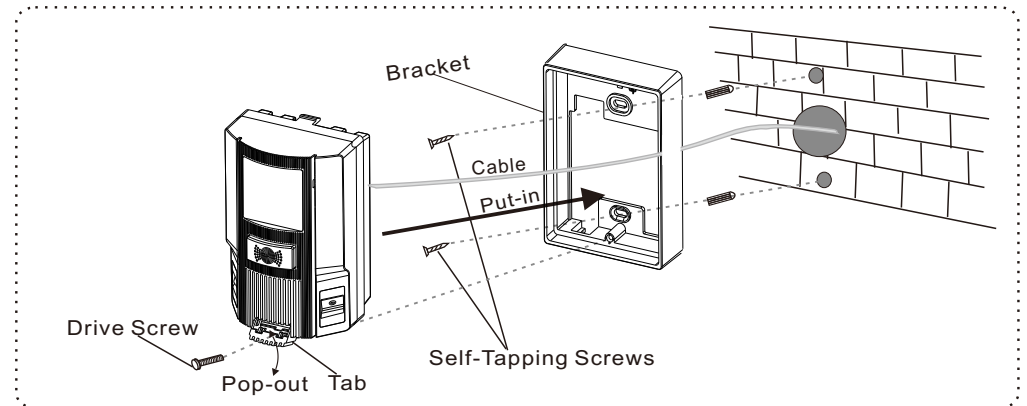
Attention:

It is suggested that owners delete photos kept regularly for photo-memory only model with SD built-in to hold thousands of photos for better performance.

The handled objects are photos when the function setting is photo and it is video when the function setting is video for photo/video both recording model.

The system should be power off each time to refresh after downloading files by the USB port for all the video door phone models with memory function.