COLOUR HD VIDEO INTERCOM
INSTRUCTION MANUAL

“Choose PSA for intercoms”

PAN820SKHD

FIRE • SECURITY • INTERCOMS

psaprodcts.com.au
1. FEATURES

- 7” TFT LCD screen plastic housing
- Support 4 monitors, 2 door stations with extra 2 CCTV Cameras and 2 PIR sensors
- Missed call feature: when doorbell is not answered, a notification icon will be shown. (note: Date/Clock feature must be activated)
- Different ringtones for Door A & Door B
- Support 32G TF card for pictures or video recording
- Picture memory when SD card fitted (SD card not supplied)
- IP 65 surface outdoor camera
- Digital Photo Frame (Read date from SD Card under “user”)
- Monitoring function
- Hands-free interom doorbell function
- Call transferring function
- Door release function
- Twelve polyphonic melodies
- Ringtone volume adjustable in the morning/afternoon/evening.
- Ring volume, talking volume, chroma and brightness adjustable
- Motion picture recording when SD card installed (SD card not supplied)
- Custom melody as ringtone

2. KIT CONTENTS

- One indoor monitor
- One outdoor camera
- One adapter
- One bracket for indoor monitor
- One rain cover & angle bracket
- Accessory pack

3. OUTDOOR CAMERA SPECIFICATION

<table>
<thead>
<tr>
<th>Camera sensor</th>
<th>1/3 inch wide angle CMOS camera</th>
</tr>
</thead>
<tbody>
<tr>
<td>View angle</td>
<td>110°</td>
</tr>
<tr>
<td>Definition (Hor.)</td>
<td>960P</td>
</tr>
<tr>
<td>LEDs for night</td>
<td>IR LEDs (120°)</td>
</tr>
<tr>
<td>Power consumption</td>
<td>150mA max.</td>
</tr>
<tr>
<td>Power supplier</td>
<td>Supplied from indoor unit</td>
</tr>
<tr>
<td>Operation temp.</td>
<td>-40°C to +50°C</td>
</tr>
<tr>
<td>Installation</td>
<td>Surface mounted</td>
</tr>
<tr>
<td>Lock</td>
<td>N/O, N/C Contact (30VDC 2A)</td>
</tr>
<tr>
<td>Ingress Protection Rating</td>
<td>IP 65</td>
</tr>
</tbody>
</table>

Front of surface mount camera PAN820SCHD
Door Speaker Volume Adjustment

To adjust the speaker volume of the door camera, remove the weather seal at the back of the door camera and adjust the regulator with a screwdriver. (refer to outdoor camera specification for regulator location)

**NOTE:** Default setting of door volume is already set as HIGH. Do not overturn the volume regulator as it can easily be damaged.

---

**Installing Cameras**

**Angle mount**

- Hole
- Rainhood
- Angle bracket

**Surface mount**

- Rainhood

---

Do not install the camera directly facing towards the sun.
5. INDOOR MONITOR SPECIFICATIONS

<table>
<thead>
<tr>
<th>NO</th>
<th>Name</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TFT display</td>
<td>View visitor’s image displayed on the TFT screen</td>
</tr>
<tr>
<td>2</td>
<td>Speaker</td>
<td>Sound from outdoor camera</td>
</tr>
<tr>
<td>3</td>
<td>Microphone</td>
<td>Transmit the voice to outdoor call panel</td>
</tr>
<tr>
<td>4</td>
<td>Transfer/Intercom</td>
<td>Call transfer/internal intercom</td>
</tr>
<tr>
<td>5</td>
<td>Monitoring</td>
<td>Monitoring door 1 &amp; 2</td>
</tr>
<tr>
<td>6</td>
<td>Talking</td>
<td>Start conversation with outdoor call panel</td>
</tr>
<tr>
<td>7</td>
<td>Unlock</td>
<td>Unlock the door lock by pressing this button</td>
</tr>
<tr>
<td>8</td>
<td>Chroma/Contrast/Luminance</td>
<td>Set master/slave to adjust chroma/contrast/luminance</td>
</tr>
<tr>
<td>9</td>
<td>Talking Volume</td>
<td>Adjust the speaker volume</td>
</tr>
<tr>
<td>10</td>
<td>SD card slot</td>
<td>For the models with SD card, Insert the SD card for recording</td>
</tr>
<tr>
<td>11</td>
<td>Status LED</td>
<td>Power indication</td>
</tr>
<tr>
<td>12</td>
<td>Entry LED</td>
<td>LED indicate the status of outdoor call panel</td>
</tr>
<tr>
<td>Specification</td>
<td>Details</td>
<td></td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Display screen</td>
<td>7&quot; TFT LCD screen</td>
<td></td>
</tr>
<tr>
<td>Definition</td>
<td>7&quot; (1024 x 600)</td>
<td></td>
</tr>
<tr>
<td>CCTV camera input</td>
<td>AHD &amp; CVBS only</td>
<td></td>
</tr>
<tr>
<td>Standard</td>
<td>PAL</td>
<td></td>
</tr>
<tr>
<td>Calling mode</td>
<td>Two-way conversation</td>
<td></td>
</tr>
<tr>
<td>Calling time</td>
<td>120s</td>
<td></td>
</tr>
<tr>
<td>Standby current</td>
<td>Maximum 250MA</td>
<td></td>
</tr>
<tr>
<td>Work current</td>
<td>Maximum 600MA</td>
<td></td>
</tr>
<tr>
<td>Power supply</td>
<td>External switching power supply (DC 12V)</td>
<td></td>
</tr>
<tr>
<td>Work temperature</td>
<td>0~ +50°C</td>
<td></td>
</tr>
<tr>
<td>Installation way</td>
<td>Surface mounting</td>
<td></td>
</tr>
<tr>
<td>Picture format</td>
<td>JPEG standard format</td>
<td></td>
</tr>
<tr>
<td>Extension memory (Optional)</td>
<td>SD card (maximum 32GB)(&gt;Class 10 )</td>
<td></td>
</tr>
<tr>
<td>Dimension</td>
<td>193(L)×123(W)×21.5(D)mm</td>
<td></td>
</tr>
<tr>
<td>Digital Photo Frame</td>
<td>Yes (Read date from SD card)</td>
<td></td>
</tr>
<tr>
<td>Custom Melody</td>
<td>Yes (Read date from SD card)</td>
<td></td>
</tr>
<tr>
<td>Missed Call</td>
<td>Missed call indicator. Clock function needs to be activated.</td>
<td></td>
</tr>
<tr>
<td>Motion Detection</td>
<td>Motion picture recording when SD card installed (SD card not supplied)</td>
<td></td>
</tr>
</tbody>
</table>
• Select the most suitable position where the monitor is located at user's eye level.

⚠️ NOTE:
• keep more than 30cm away from AC power supply to avoid external interference.
• Avoid installation of the device near strong radiation e.g. TV set, video recorder and PC etc.
• Avoid hard shake, beating and collision, otherwise the internal components may be damaged.

• To install the indoor unit, please follow these steps as below:
7. INSTALLATION NOTE

**NOTES:**
Keep intercom wires more than 30cm away from ac power to avoid interference. The electric lock is not included in the package, use 12VDC electric strike only. Should not exceed 500mA.

Cable Requirements

1. **CAT5e or CAT6 network cable connection mode:**

   ![Unshielded network cable (≤30M)](image)

   ![Shielded network cable (≤50M)](image)

2. **4C ordinary unshielded and shielded wire connection mode:**

   Distance ≤50m (4*0.5mm²)

   ![Unshielded wire (≤50M)](image)

   ![Shielded wire (≤80M)](image)

3. **3.3C ordinary unshielded +75 ohm coax video wire connection mode:**

   ![Shielded wire (≤100M)](image)
First monitor must be set as MASTER. All other monitors must be set as SLAVE. This can be done in the SETTINGS menu.

**MONITOR ID SETTING**
Master=01, Slave=02 to 04

**Note:**
HD Monitor can accept AHD or CVBS analog signals. If using HD monitor with CVBS analog door station, you must reboot the monitor from the menu system after connecting the camera.
Note: CCTV cameras to be AHD or CVBS only

AC/DC power adapter for camera (not included)

External switching power supply (AC100v-240V)

Master

Slave

next Slave

LOCK RELAY
ORANGE = GND relay
GREEN = N/O relay
BROWN = N/C relay
WHITE = AUDIO
YELLOW = VIDEO
RED = DC12V
BLACK = GND
9. Alarm instructions

CAM1 and CAM2 of this production have each an alarm function. When the trigger terminal and GND is shorted, the alarm is activate, the speaker of the indoor unit rings and continues 120s, during this time, click “📞” to stop alarming and enter the standby mode.

For the models with SD card, simultaneously, triggers recording or snapshotting (related to the system settings). The recording time is 120s, during this time, click “📞” to stop alarming and enter the standby mode.

Connection diagram:

- Be applicable to connect 2 normally closed (NC) or normally open (NO) alarm inputs.
- 2 camera channels of alarm input without limitations on input type (can either be the normally open type or the normally closed type).
- ALM terminal of the alarm detector is connected in parallel with the ALM terminal (The alarm detector shall be supplied by external power supply).
- Ground terminal of the alarm detector is connected in parallel with the GND terminal of the camera.
- For NO alarm inputs, when the GND and ALM are in the connection state, it will trigger the alarm.
- For NC alarm inputs, when the GND and ALM are in the disconnect state, it will trigger the alarm.
- It applies to any alarm sensor.
VISITOR CALL

Standby Mode

The Visitor press the call button on outdoor camera 1

A 10s of continuous Ding Dong tone is heard inside and outside

The visitor’s image automatically displayed on the screen

Press the talking button on indoor monitor

Stop ringing

Start conversation with outdoor camera

The conversation duration is 120s at a time

Press the unlock button on indoor monitor

Press the hang up button on indoor monitor

Release the door lock

End

NOTICE:
If both call button on two outdoor camera are pressed at approximate to the same time, the preference will be given to the outdoor camera which call button was pressed first, unless the call button is pressed again after the indoor monitor go into standby mode, please be aware of that there is no indication on second outdoor camera.

NOTICE:
The indoor unit will automatically go into standby mode if you are not at home or have not reached the indoor unit in 60s.

Both the visitor’s voice and image will be not switched off within 20s of time span when the unlock button is pressed, this individualized function allow you to make sure whether the visitor already come in.

For the models with SD card, when the doorbell record for the video mode: From the start of a call, the whole process will be recording. If the user press the button “[*]”, the recording will be stopped manually.

For the models with SD card, when the doorbell record for the snapshot mode: The whole process will be capture, user can press the button “[*]” to capture an image.

In the monitoring state: the machine can listen to the sound of the outdoor machine, you can press the button “[**]” to conversation and press the button “[†]” to unlock.
Option in the settings in the menu: DOOR1, CAM1, DOOR2, CAM2 operating mode (open or closed)

### Standby Mode

- **DOOR1**: Show DOOR1 image
- **CAM1**: Show CAM1 image
- **DOOR2**: Show DOOR2 image
- **CAM2**: Show CAM2 image
- **Close LCD**:

**Each monitoring time is 60S**

- **Press the call button**
- **Call Outdoor**
- **Press the unlock button on the indoor unit, the electric lock will be opened.**
- **Press the hang up button to end the call**

**NOTICE:**

If you are using only one outdoor camera in monitoring mode, you can also end the monitoring mode by pressing the monitoring button again (Must be Close CAM1; DOOR2; CAM2 in the menu option).

If you use two indoor units, you can also simultaneously in other indoor unit starts monitoring mode, the same images are displayed on the screen of the different indoor unit.

If a conversation with outdoor unit is underway in monitoring mode, during this time a visitor press the call button on either of outdoor unit, the monitoring mode will be switched off, the just visitor’s image will appear on its screen and continuous ringing will be heard. If you are using the indoor unit with hands-free, you can press the talking button to reactivate conversation with the visitor.

For the models with SD card, in monitoring mode, press the button “❖” or “❖” to perform manual video / camera; press the button “❖” can manually stop recording; Select to record video or picture.
12. CALL TRANSFER TO OTHER EXTENSION

Internal communication function requires at least two indoor and one outdoor units to be connected.

Outdoor camera call indoor monitor and conversation is underway

Keep pressing transfer call button to activate the function of call transfer to the extension which you choose.

A continuous Ding Dong tone is heard

Press the talking button on any of indoor units

Talking with visitor

The Electric lock can be opened

End the call and return to standby mode.

13. INTERNAL COMMUNICATION AMONG INDOOR UNITS

At least 2 indoor units is required.

Standby Mode

Press the Transfer Call button

Select a extension which you want

A continuous Ding Dong tone is heard

Press the talking button on any of indoor units

The called slave monitor will get ring tone

Start conversation among indoor units.

Press Hang up button

End

NOTICE:

When you are transferring a call to other extension, the original conversation indoor unit will return to standby mode, and the indoor unit which the call is being transferred will also sound a continuous Ding Dong tone and the video image will appear on its screen.

NOTICE:

In internal communication mode, if a visitor press the call button on either of outdoor unit, the internal communication mode will be switched off. The visitor’s image will appear on its screen and continuous ringing will be heard, you can press the talking button to activate conversation with the visitor.
1.0 STANDBY MODE

There are 2 mode options during standby mode: Clock and date mode or digital photo frame mode.

1.1 Clock and date Mode

There is a display of the current time and date:

00:23
Tuesday
13-02-2018

1.2 Digital Photo Frame Mode

When digital photo frame is activated, motion detection feature will be deactivated. The system will automatically detect pictures from SD card. If no insert SD card is inserted, this function will not operate.

NOTED:

1. When digital photo frame function is activated, the monitor will automatically detect pictures from SD card and start to play the files (picture scroll time can be adjusted between 1-10s).
2. Two folders should be created in the SD card, “ring” and “user”. All music files should be loaded in the “ring” folder. All picture & video files to be in the “user” folder.
3. If you missed a call, a “mail” icon will be shown on the top left side of the screen during standby mode. **Note:** The clock function must be activated for this feature to operate.
2.0 MAIN MENU
In standby mode, scroll the button “[*]” to access the main menu interface, shows the main interface as shown below. On menus, scroll button “[*]” upward or downward to move the cursor to the option you want, and then press “[<<]” back to previous step.

3.0 SET SYSTEM PARAMETERS
Scroll the button “[*]” upward or downward to move the cursor to the option “System”, then scroll “[*]” to enter the “System” menu. System setup includes: “Language”, “Time”, “Information”, “Ring”, “Volume”, and “Return”.

3.1 Language
In system menu, move cursor to “Language”, scroll “[*]” enter to “Language” menu. It is to modify menu text and screen language of indoor unit. Scroll “[*]” one time, the arrows in two sides will change color, means can adjust parameters, press confirm again after adjustment, language setup successfully.
3.2 Time

In the system menu, move the cursor to “Clock” and scroll “كب” to enter the “clock” menu. The clock switch controls whether the clock is displayed in the standby mode, the on is the open display, and the off is closed. Mobile cursor to “clock”, scroll “كب” to turn off the clock, and then will not display the clock when standby mode is closed. The screen is all black, and the digital photo frame will not be opened, nor will the picture be played. “Date format” can set the display format of the clock in the main menu and standby mode. Press the key to move the cursor down key to move up the cursor. Select the parameter option according to the setting key to confirm the adjustment, then scroll the button “كب” to increase the volume, scroll “كب” button to reduce the volume, adjust it and scroll “كب” to confirm.

3.3 System information

On “system” menu, move the cursor to the “system information” and scroll “كب” button into it. It includes software version, MCU version, release date, reboot, SD free space, Format SD.

Note: The product only supports the SD cards that are written at a speed of more than 10MB/s with a memory of less than 32G.

[Reboot]: Move the cursor to “وك” and scroll “كب”. It will pop-up a window, choose “Yes” to restart the machine, choose “No” to cancel.

[Update]: Users can upgrade the firmware of the device via SD card.
[Format SD card]: Move the cursor to Format SD and select “Ok”. Scroll “✓”, the pop-up window will remind if format SD card is needed. Select “Yes” to forward and “No” to cancel. If the format card is finished, there will be notification of “format SD card successfully”

Note: The system upgrade can be upgraded using the SD card, and the system upgrade is illustrated in the media menu.

[Return]: Exit the current menu.

3.4 Ring

On system menu, move the cursor to the option “Ring”, then scroll “✓” to enter the “Ring” menu, set up the doorbell tone of the outdoor camera.

[Mode]: There are two types of ringtone patterns: default and user-defined. There are 12 types of default ringtones, and defined ringtones can be set only in custom mode to set a defined ringtone at the gate of 1 at the door of 2. When the outdoor unit call indoor monitor, the outdoor unit and the indoor monitor can hear the defined ringtones set by the user.

[Door1]: The default ring tone and defined ringing tone are set in the outdoor unit 1. Scroll “✓” button to move cursor to the first row. Scroll “✓” to confirm default ring tone of Door 1. When the font color is changed, scroll “✓” to select the desired default ringtone, and scroll “✓” to confirm that the settings are successful. Scroll confirm button to setup successfully. Scroll “✓” to move the cursor to the second row. Scroll “✓” to confirm the setting of the doorbell’s defined ringtone. When the font color changed, scroll “✓” to select the desired ring tone. Scroll “✓” to confirm that the settings are successfull.
The default ring tone and defined ring tone are set in the outdoor unit 2. Press “+” button to move cursor to the first row. scroll “球星” to confirm default ring tone of Door 1. When the font color is changed, press “+” and “球星” to select the desired default ringtone, and scroll “球星” to confirm that the settings are successful. Press confirm button to setup successfully. Press “+” to move the cursor to the second row. Scroll “球星” to confirm the setting of the doorbell's defined ringtone. When the font color changed, press “+” and “球星” to select the desired ringtone. Scroll “球星” to confirm that the settings are successful.

There need to be separated file named as “Ring” for SD card or USB storage device. The music can only be found and set as the user defined ringtone when the music is saved in the file named “Ring”.

The user defined ring tone is read from the SD card. Only one of the first 100 can be set, and more than 100 behind are automatically hidden.

3.5 Volume

On system menu, move the cursor to “Volume” and scroll “球星” to enter the “Volume” menu to set up the ring volume. Users can set up different ring volume during three different time period, the vibrate and ring time can be adjusted from 10s to 45s when calling.

[Ring Vol1]: The volume level of Ring Vol1:01-10.
[Ring Vol2]: The volume level of Ring Vol2:01-10.
[Ring Vol3]: The volume level of Ring Vol3:01-10.

[Button Voice]: This option can open or close button voice.

Note:
The timing volume is the volume of the call.
4.0 DIGITAL PHOTO

“On main menu, move the cursor to the option “Digital Photo”, then scroll “” to enter the “Digital Photo” menu. (for the models with SD card)

Note: If open digital photo, can’t use motion detection.

[Photo Frame]: Turn on or off photo frame feature.
[Interval Time]: The time level of picture play: 01-10.

There need to be separated file named as “User” for SD card. The picture can only be found and shown when they are saved in the file named “User”.

5.0 SET THE MODE OF INDOOR UNIT

“On main menu, move the cursor to the option “Mode”, then scroll “” to enter the “Mode” menu.

[Mode]: Options include “01,02,03,04”. “01” indicates that the indoor unit as master monitor, “02-04” indicates that the indoor unit as slave monitor.

[Door2 status]: Enable or disable the preview of Door2.
[Door1 Unlock Time]: From 02 seconds to 10 seconds.
[Door2 Unlock Time]: From 02 seconds to 10 seconds.
[Record mode]: Options include: Video and Snapshot. Video means when the visitor presses the call button of outdoor unit, the indoor monitor with the SD card will automatically start the video until the end of the call or the user’s manual stop. The snapshot means that when the visitor press the call button of outdoor unit, the indoor monitor with SD card automatically snapshot the next photo of the doorway camera, and the user can scroll “[*]” manually for continuous snapping.

[Motion Detection]: Options include “Door1”, “Door2”, “CAM1”, “CAM2” and “Disable”.

[MD Sensitivity]: Mobile detection sensitivity is divided into three grades, low, medium and high. Low representation is difficult to trigger, the medium is relatively easy to trigger, high expression is very easy to trigger.

[MD Duration]: Indicates how long motion detection can be detected. Time can be set for 1-5minutes.

[Message]: Enable or disable message.

[Return]: Exit the current menu.

6.0 SET THE ALARM PARAMETERS

“On main menu, move the cursor to the option “Alarm”, then scroll “[*]” to enter the “Alarm” menu.

[Alarm record]: Options include “Video ” and “Snapshot”. “Video” indicates that when an alarm is triggered, it will activate the corresponding channel to start alarm recording. “Snapshot” indicates that when an alarm is triggered, it will activate the corresponding channel to capture a picture of the current video stream as a still photo.
[CAM1 Sensor type]: CAM1 channel corresponds to an I/O status (see the following status explanations), which means that when an alarm is triggered, it will activate the corresponding channel to start alarm recording or capture a snapshot.

[CAM2 Sensor type]: CAM2 channel corresponds to an I/O status (see the following status explanations), which means that when an alarm is triggered, it will activate the corresponding channel to start alarm recording or capture a snapshot.

I/O status types:

No: “Normal open”, it means that in its normal state, the sensor is kept under constant low voltage. If the output voltage changes from low to high, then the alarm will be triggered.

NC: “Normal closed”, the normal state of the sensor is under constant high voltage. If the output voltage changes from low to high, then the alarm will be triggered.

Disable: Set the I/O to “close”, if external sensor alarms are not in use.

[CAM1]: Enable or disable the preview of camera1  
[CAM2]: Enable or disable the preview of camera2

[CAM1 ring time]: The alarm ring time of camera 1 if camera 1 has been triggered by activity detected by the sensor, values can be set from 0~20 seconds.

[CAM2 ring time]: The alarm ring time of camera 2 if camera 2 has been triggered by activity detected by the sensor, values can be set from 0~20 seconds.

[Return]: Back to previous menu.

7.0 MEDIA

“On main menu, move the cursor to the option “Media”, then scroll “叟” to enter the “Media” menu. Options include “music”, “movie”, “photo” and “File” (for the models with SD card ).
7.1 Music (for the models with SD card)

In the media menu, scroll “往上” to move the cursor to the “music” option, scroll “往下” into the playlist, automatically play the first music into the music list, pressing “往下” move the cursor down, scroll “往上” move the cursor moving upward, keep pressing the “往下” is move forward, keep scroll “往上” is back forward, scroll“往下” once to pause, select a song with setting is confirmed to play, scroll “往上” is return to the previous menu.

When playing music, press a transfer button switch a play mode. The playing modes include single play, random play, sequential play, single cycle and list loop. Single player: after playing this song will auto stop; random playback: random play all the songs, do not stop. Circle playing; the order of play: play all the songs from top to bottom, the player stop after the last song; Single cycle: always repeat the same song, do not stop; Cycle: repeat the order of play all songs, play the last song again from the first to the last to circulat the order of play.

Note: when the music has been played, the music will be entered again before the music is automatically played. For example, you have already played the fifth “ABC” and will continue to play “ABC” next time.

7.2 Movie (for the models with SD card)

In the “Media” menu, scroll “往上” to move the cursor down to the “Movie” option. Scroll“往上” to enter the movie list, click “往上” button to move the curson, select the movie you want to play, and confirm the play by setting button. The movie playing, keep pressing “往上” to fast forward. keep pressing “往下” to back forward, press “往上” is pause, pressing “往下” pop-up volume settings according to “往上” to adjust the playing volume, press “往上” to return to the playlist.

Attention:
1. If there is a visitor’s call room or trigger alarm during play, the play will stop and switch to the outdoor unit or camera screen.
2. If it is not played, it will quit playing. If you continue playing the same movie next time, there will be a pop-up window to prompt if the play is broken. Choose “Yes” to continue playing from the last exit point and choose “no” to start playing again.
3. The film play is a list of circulation, play after one auto play the next, will not stop playing.
Note: Movie folder contains only video files in SD cards

There need to be separated file named as “User” for SD card. The video can only be found and shown when they are saved in the file named “User”.

There is a folder called “USER” in the SD card, which can be found and displayed only if the video is saved in the “USER” folder.

7.3 Photo (for the models with SD card)

In the “Media” menu press up or down button to move the cursor down to the “picture” option. Scroll the button “♂” to enter the picture list, scroll “♂” to move the cursor, select the picture you want to play, and confirm the play by pressing setting button once. In the picture, keep pressing “♂” is to pause and pop up picture information at a long time. The picture information includes shooting time, file size, storage location and image size. After pressing “♂” again, the key will become a manual play, and the next picture is played. Scroll “♂” is returned to the list of pictures.

Note: The next picture is played automatically when the picture is played, unless you change it to a manual play.

Note: Photo folder contains only photo files in SD card.

In SD card, a separate folder is called “user”. There is a folder called “picture” in the user. It can be found and displayed only when the picture is saved in the file named “picture”.

Note: In SD card contains "user".
7.4 File ( for the models with SD card )

In the Media menu, press “⊕” or “⊖” to move the cursor down to the “file management” option, press “⊕” to enter the file management list, and press “⊕” to enter SD card again. The SD card contains the DCIM folder, the ring folder, the user folder, and the program file. The DCIM folder is automatically created by the program, which contains capture and manual capture. In the ring folder, the ring tone of the user is stored in the SD card. The user folder contains video files and photo files stored in the SD card by the user.

**Note:** xxx.img is a program file, press “⊕” pop-up window “do you upgrade?” choose “yes” to upgrade and wait for the upgrade to be successful, and choose “no” to close the window.

**Note:** During the system upgrading, don’t remove the SD card or turn the indoor device disable. After completing the upgrade, the device will restart.

**Note:** If you want to delete a file or folder, keep pressing will pop up the window, “do you delete the file?” Select “Yes” to delete and select “no” to close the window.

8.0 RECORD

“On main menu, move the cursor to the option Record”, then press “⊕” to enter the “Record” menu. Options include “Video”, “Picture” and “Return” (for the models with SD card)
8.1 Video (for the models with SD card)
On “Record” menu scroll the button “стрелка вверх” upward or downward to move the cursor to the option “Video files”, scroll the button “стрелка влево” to enter the “Video files list”. Scroll the button “стрелка вправо” upward or downward to move the cursor to select file to playback, a black list indicates that the list has been selected, press the button “стрелка влево” to playback. During playback scroll the button “стрелка влево” to exit the current menu.

Note: Video folder contains only the video file recorded by the outdoor station.

8.2 Picture (for the models with SD card)
On “Record” menu scroll the button “стрелка вверх” upward or downward to move the cursor to the option “Picture files”, press the button “стрелка влево” to enter the “Picture files list”. Scroll the button “стрелка вправо” upward or downward to move the cursor to select file to playback, a black list indicates that the list has been selected, press the button “стрелка влево” to playback. During playback press the button “стрелка влево” to exit the current menu.

Note: Picture folder contains only picture file taken by the outdoor station.

The file of the photo or video is stored in the “DCIM” folder that the system automatically generates.
9. Deletion of the file

On “Media” menu scroll the button “上下” upward or downward to move the cursor to the option “File”, scroll the button “进入” to enter the “File”. For the file in the SD card, scroll “进入” to find the one need to be deleted. Keep pressing the button “进入”, it will pop-up a window, choose “Yes” to delete the file, choose “No” to cancel.

10. Set the color parameters

In monitoring, calling, intercom, alarm and other modes, click the transfer button to activate the color adjustment, including volume, brightness, contrast, saturation, refresh and return.

**Note:** The volume regulation here is the volume of the call.

[Bright]: values can be set up from 0 to 50, default as 25.

[Contrast]: values can be set up from 0 to 50, default as 25.

[Saturation]: values can be set up from 0 to 50, default as 25.

[Volume]: Adjust the voice of the call of the indoor monitor.

[Refresh]: When mix connect PAL/NTSC cctv camera or outdoor station and CVBS/AHD cctv camera or outdoor station; during keep power on and do some connection change for cctv camera or outdoor station, if no image come in, please press “R” refresh signal.
15. WARRANTY & LIABILITY

1. PSA Products Pty Ltd (ABN: 99 076 468 703) of 17 Millicent Street, Burwood 3125 Victoria, Australia warrants this product for a period of one year from the date of purchase, as reflected on the Authorised Resellers or Distributors invoice / receipt provided to you. PSA Products Pty Ltd will repair or replace the product (at the option of PSA Products) due to any manufacturing defect, at the cost of PSA Products Pty Ltd (excluding any labour costs relating to removal or re-installation of product, and transport costs).

2. This warranty shall not apply to the product if it has been damaged, modified, abused or altered after the date of purchase, or if it fails to operate due to improper maintenance.

3. To the extent permitted by law, the liability of PSA Products Pty Ltd arising from the sale or under the terms of this limited warranty shall not in any case exceed the cost of replacement and subject to this clause. In no case shall PSA Products Pty Ltd be liable for consequential loss or damages resulting from the failure of the product or breach of this, or: Any other warranty, express or implied, loss or damage caused by failure to abide by the instructions supplied in the leaflets.

4. To the extent permitted by law, PSA Products Pty Ltd., makes no warranty, expressed or implied, written or oral, including that of merchantability or fitness for any particular purpose, with respect to the consumer replaceable battery if any. A product with non-serviceable built-in battery is covered under warranty of the product as per point 1.

5. This warranty is provided in addition to other rights and remedies you have under law: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. What constitutes a major failure is set out in the Australian Consumer Law.

6. To make a claim under warranty, take the product (with a proof of purchase) to the store where you purchased the product or contact PSA Products Pty Ltd. Phone (03) 9888 9889. or Email: enquiry@psaproducts.com.au with details, proof of purchase or expense claim in writing.