

1296p Wireless Floodlight Camera with 10.1” NVR

Monitoring System

CLM795125

USER MANUAL



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1. What's Included in the Box?



Wireless Floodlight
Camera



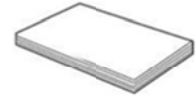
10.1" Wireless Monitor



Power Adaptors



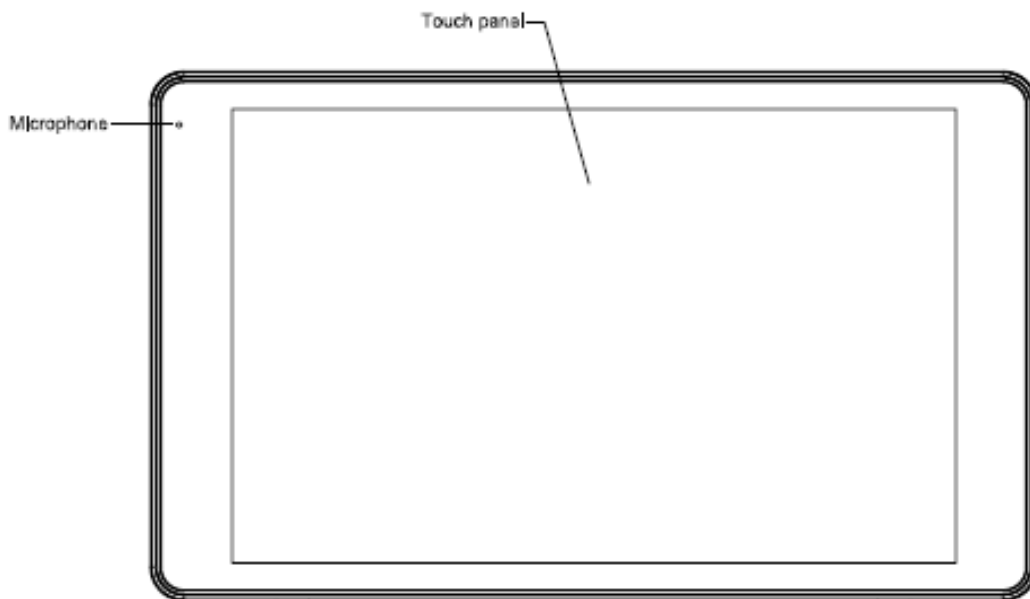
Mounting Hardware



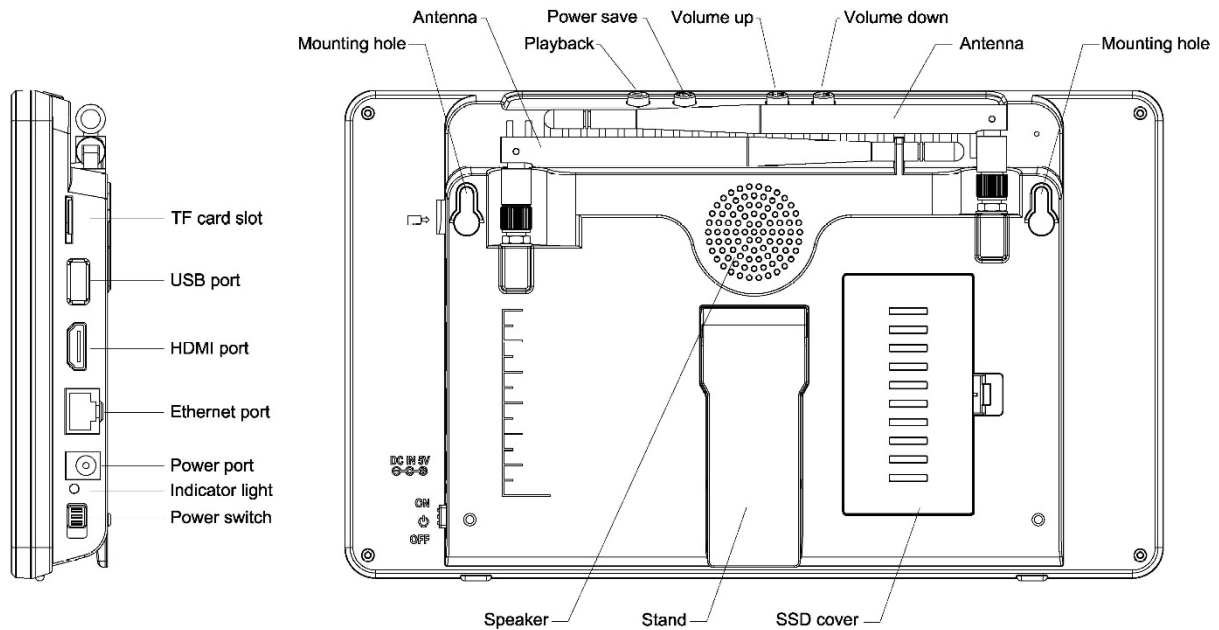
User Manual

2. Overview

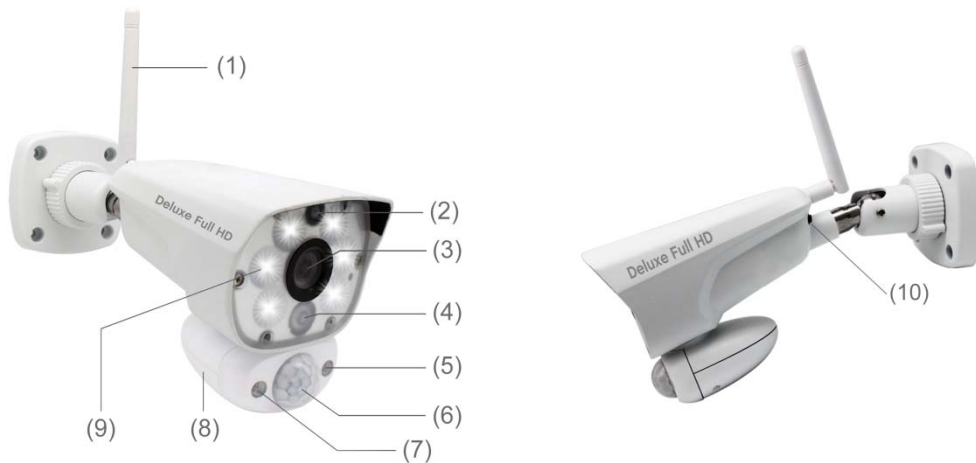
2.1 Wireless Receiver (10.1" Touchscreen Monitor)



Open the SSD cover, you can install SSD in monitor, it supports M.2 2242 SSD



2.2 Camera



Item	What it is	What it does
1	Camera antenna	Receives & Sends signals to or from the Monitor.
2	Microphone	Captures the sound on camera side and transmits the sound from camera to monitor.

3	Lens	Catches the video in front of the lens and transmits video from camera to Monitor.
4	IR LED	Infrared LEDs provide viewing in no/low light conditions.
5	Light Sensor	Detects brightness so that camera will switch between day and night mode.
6	PIR sensor	Detects motion in front of the lens and emits detection signal to transmitter.
7	Deterrent light	Deterrent light flashes when motion detected.
8	Speaker	Produces the sound transmitted from the monitor.
9	White LED	Bright white LED as floodlight.
10	Pair button	The pair button is located on the back of the camera. Press and hold pair button to pair with monitor when monitor is in pairing mode.

3. Set up the Hardware

3.1 Monitor

1. Flip out the stand on the back of the monitor and position the antenna.
2. Connect an AC adapter (5V 2A) to the power input on the back of the monitor. Connect the other end of the adapter to a standard indoor power outlet.
3. Slide the power switch at the right lower side to turn on the monitor.
4. The monitor displays the startup picture for a few seconds and then transitions to the LIVE view.

3.2 Camera

3.2.1 General

The cameras included with your monitor are weatherproof and have an IP66 rating. Water can be sprayed on them and they will still work; however, the cameras cannot be submerged.

The cameras can be exposed directly to the rain, it is recommended that, if they are used outdoors, they should be mounted under some type of cover like a patio overhang or eave. As rainwater drops on the camera glass, it may create spots that will reflect the light from the infrared LEDs used for night vision, thus causing lower quality video.

Also, as dust, grime, and cobwebs accumulate on the camera glass, they can reflect light from the infrared LED and might lower video quality. Periodically clean the lens glass with a soft cloth is recommended.

3.2.2 Placement Considerations

Consider the following when placing cameras:

- The clearest line-of-sight between the camera and monitor is the best.
- Walls, especially bricks and concrete will shorten the transmission distance.
- Placement next to windows allows better transmission.
- Optimized motion detection range is 6-18 feet for the camera. The farther away an object is, the less accurate the motion detection.
- Avoid having a direct light source in the view of the camera, including street lights, ceiling or floor lamps, spotlights in the driveway, etc.

3.2.3 Install Cameras

1. The camera in the kit is pre-paired to the monitor, plug it into power, the camera deterrent light will flash and you will hear an audible sound, after about 1 minute, you will see video on monitor. Move the camera if the view is not what you want.
2. Hold the base of the camera stand where you want to mount it and mark the location of the screw holes.
3. Use the included screws and anchors to attach the base to the wall or ceiling.
4. Adjust the screws on the bracket to make sure your camera point to the right position.

4. System Operation

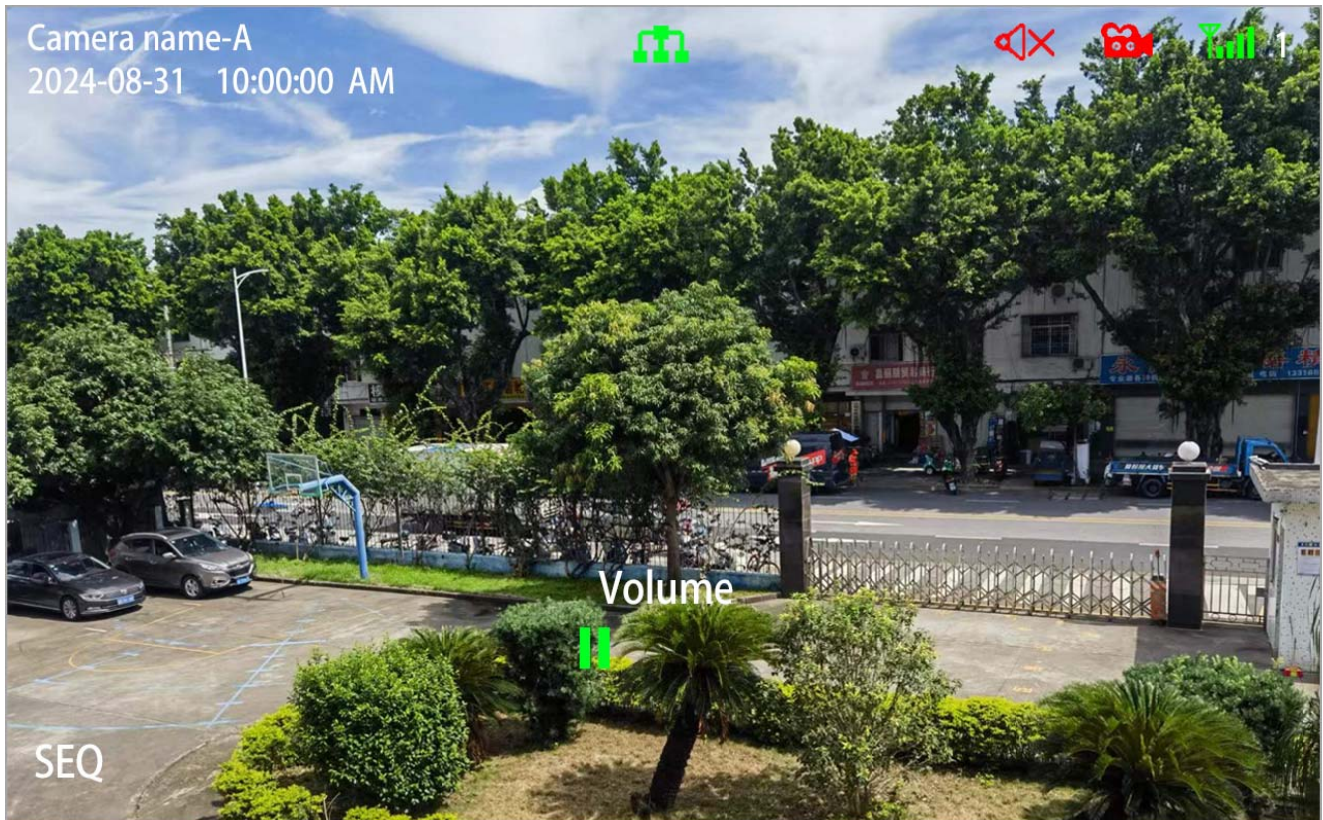
General

1. **Operation icons appear and disappear:** In live view, either single view or multiple channel view, press on view area, it will display operation icons; press again (not on operation icon), the operation icons will disappear
2. **Single view/multiple view display change:** In single view, double press on view area (not on operation on), monitor will change to multiple channel view mode, double press on one channel again, monitor will change to single view again.
3. **Zoom in/out the screen:** In single view, use two fingers to pinch can zoom in/out the live video.
4. **Change display channel(s):**
 - a. In single view, press and slide to left/right will switch to the next/previous channel,

- b. In split view, press and slide to left/right will switch to next/previous two channels,
- c. In quad view, press and slide to left/right will switch to next/previous four channels,
- d. In six channel view, press and slide to left/right will switch to next/previous six channels,

Live Screen Icons

In split/quad display, touch live view area (not operation icon), it will switch to related single channel display.



Camera name-A **Channel name:** You can change channel name in Manu\Camera & Display\Camera Settings.

2024-08-31 10:00:00 AM **Date and time**



Network Connection Status:



Green- Monitor is connected to the internet.



Red- Monitor is not connected to internet.



Mute: Means audio for this channel is off (mute), adjust the volume button on top of the monitor will adjust monitor speaker volume, this icon will change to blue if the volume is not 0.



Signal Strength: Shows how strong the camera's signal is. Signal ranges from 4bars down to 0 bars (out of range).



Channel Number: Displays the current channel number you are currently viewing. If in multiple channel display, the channel number will display on each channel.



Recording Indicator: This flashes means current channel is in recording.



Spotlight Indication:



Means spotlight is off,



means spotlight is on by motion trigger

or schedule, means spotlight is turned on manually. Only available when connected to spotlight camera.

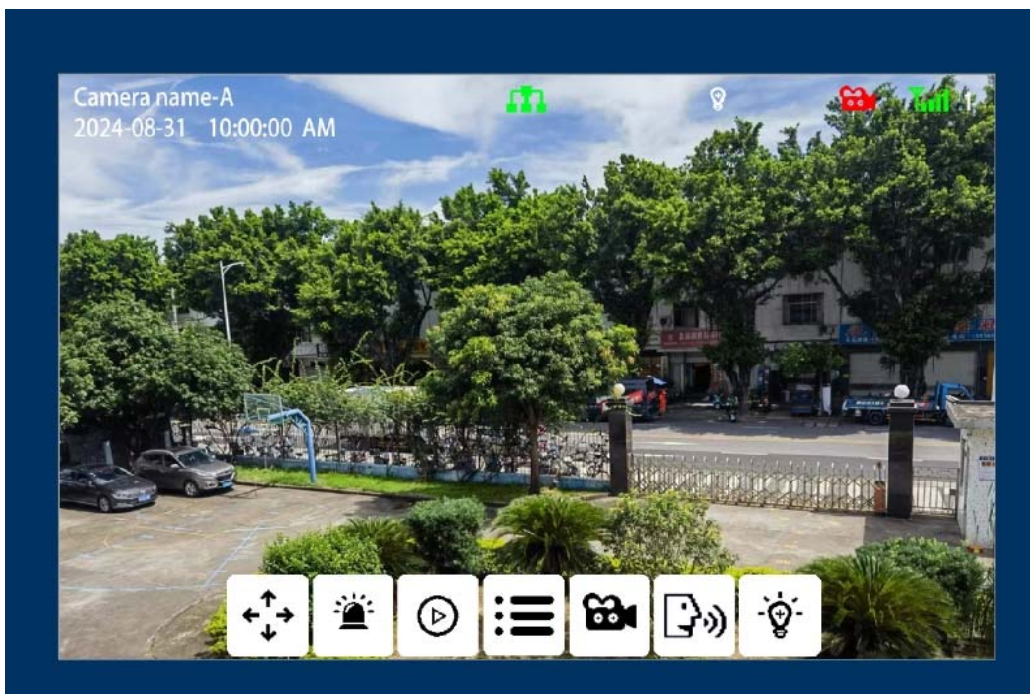


Talk: Displays when TALK is pressed. Press and hold TALK at the right side of the monitor to talk back through the camera. Release TALK to wait for a reply.



This displayed means monitor is in sequency mode, monitor displays view from channel1 to channel 2 to channel 3..., the duration is

Operation Icons



Pan & tilt button, this button appears only in single channel view and the channel is pan & tilt camera



Siren: This button appears only in single channel view, press and hold this button will active siren at the camera, release to stop siren.



Playback: Press this button to open the calendar for you to select recordings.



Menu: Press this to open the main menu



Manual recording: Press this button to start manual recording,  will display and flash at the top of the monitor, press this button again to stop recording.



Talk: This button appears only in single channel view, press and hold this button to active monitor microphone so you can talk to camera.



LED Light: This icon appears only in single channel view and this channel is connected to floodlight, press this button to turn on camera LED light manually, when LED is on it shows  : press again to turn off manually, icon shows 

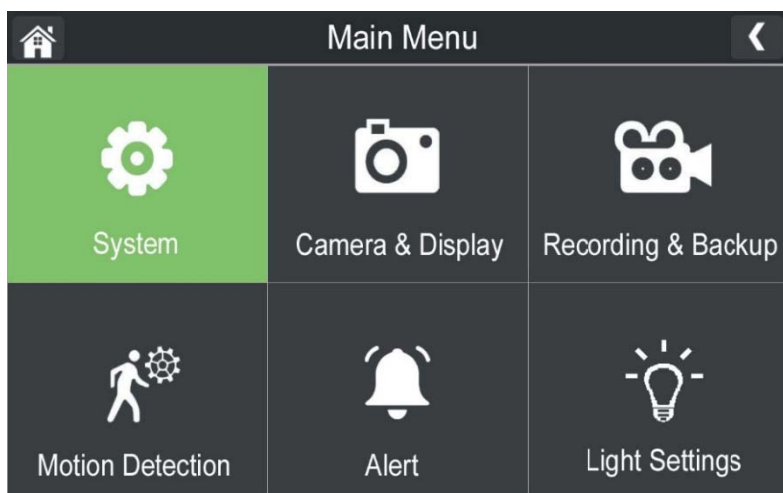


Channel loop: This icon appears only in multiple channel view, press this button will set monitor in channel auto switch mode, monitor will display from channel 1—channel

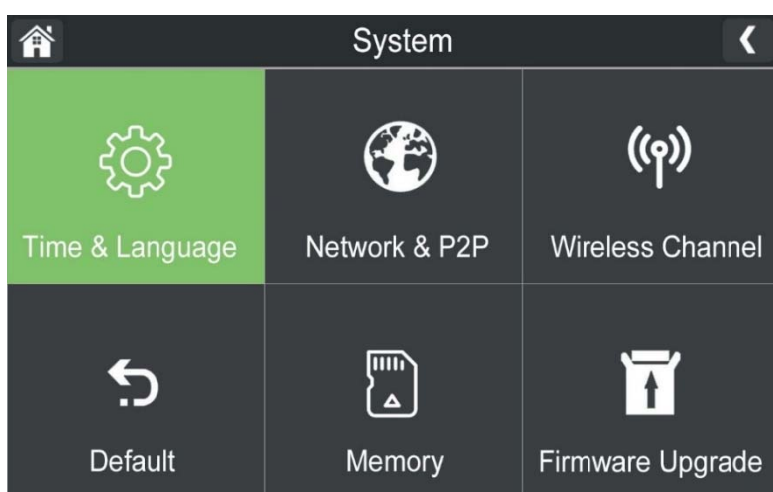
2—channel3—channel4 and cycle,  will be displayed on the lower left of the monitor.

5. Menu

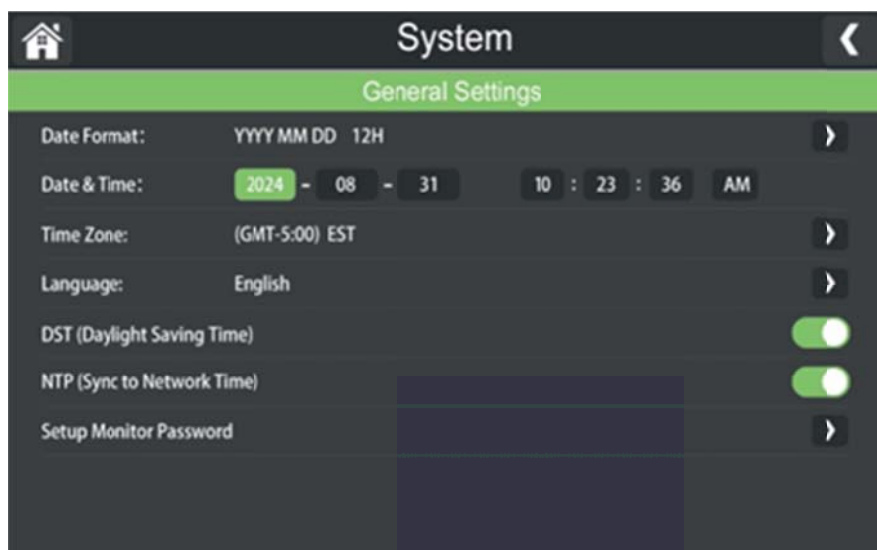
In live view, press screen to get operation icons displayed, press the menu  button to open the main menu.



5.1 System Settings

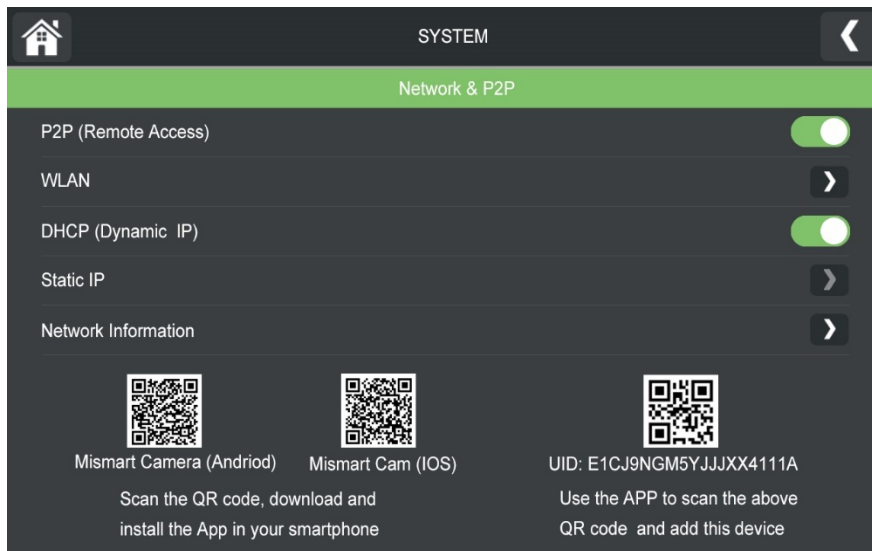


1. Time & Language.



Setup Date & Time, Time Zone, Language etc. as above.

2. Network & P2P



To turn on/off remote access, setup WiFi connection (WLAN), and show APP and UID info.

3. Wireless Channel.

To select wireless transmitting channel between camera and monitor, Auto or one specific channel from 1-14 channel.

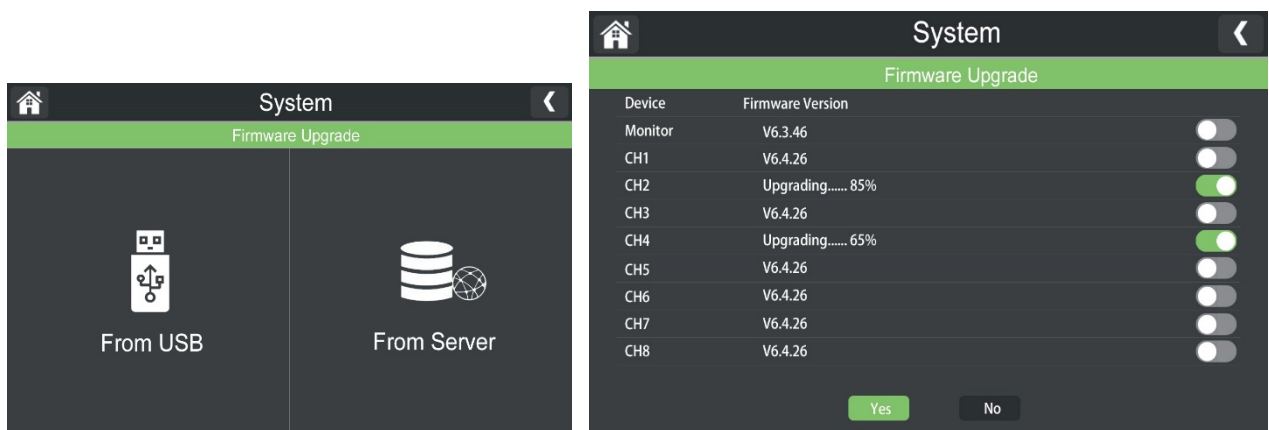
4. Default.

To reset monitor and camera back to factory default, this default will change date & time and will not unpair paired cameras.

5. Memory

Show memory info, format SSD, format or uninstall TF card.

6. Firmware Upgrade.

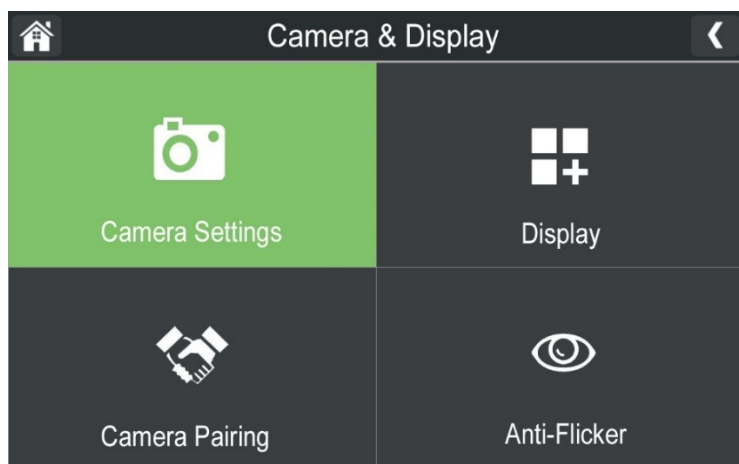


Insert the USB with new firmware into monitor, select From USB, get right page, it will display your current camera and monitor's firmware No, you can not upgrade camera and monitor at the same time, select monitor **OR** channels which you want to upgrade, select the right firmware file from pop up dialogue, and confirm, it will start to upgrade, for monitor, after 100%, monitor will reboot, after reboot, go to upgrade menu page to check if the firmware is the latest.

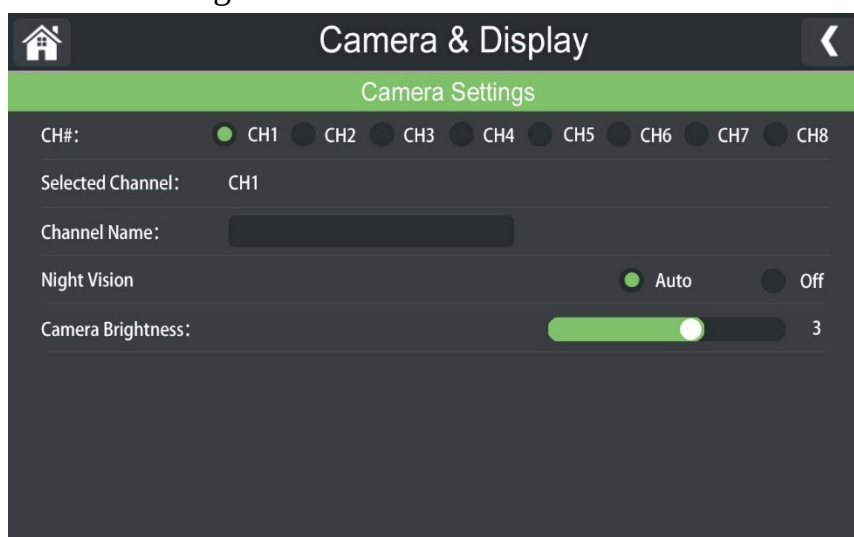
For camera, after 100%, exit current menu and back to go into the above right page again, you will find new firmware No.

If select from server, it will check if there is new firmware from server, if new firmware is available, it will upgrade automatically like the process of upgrade from USB.

5.2 Camera & Display.



1. Camera Settings



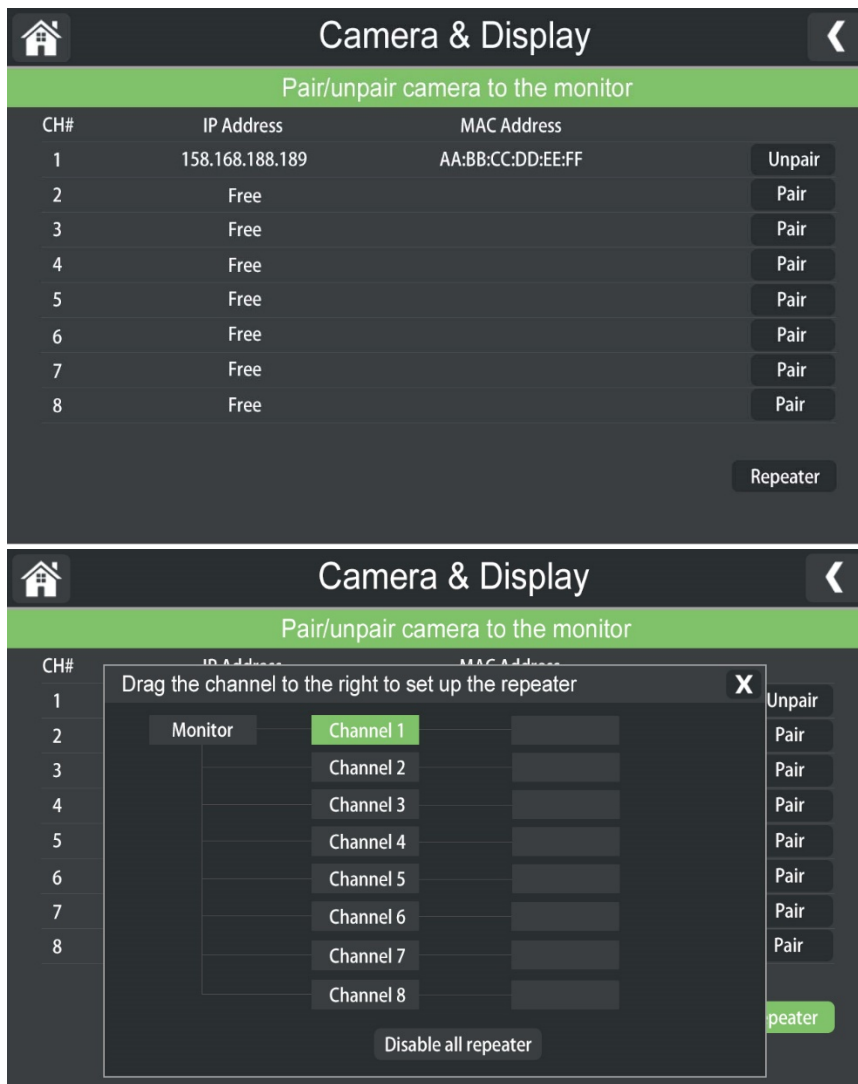
Set Channel Name, Night Vision and Camera Brightness.

2. Display



Set up display mode, and sequence interval as above.

3. Pairing and Repeater



To pair/unpair camera and setup repeater.

4. Anti-flicker.

To select right frequency (60Hz or 50Hz) to match your local power frequency to avoid flickering indoor with light.

5.3 Recording and Backup

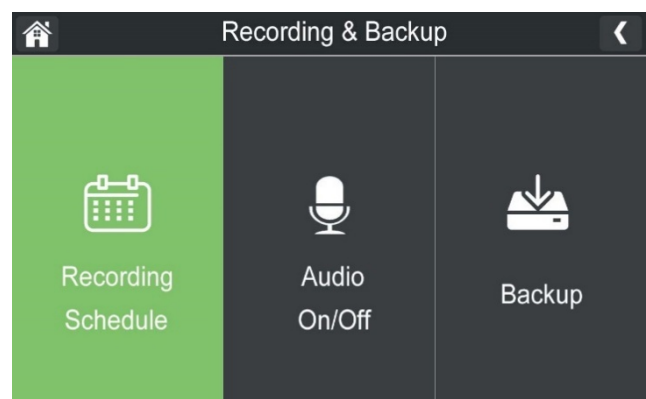
The monitor support both SSD and TF card for recording.

SSD M.2 2242, Max 2T,

TF card Max 512G.

When both SSD and TF card are installed, it will use SSD only.

1. Recording Schedule





Recording & Backup

Schedule Recording Setup

CH#: ☒ CH1 ☐ CH2 ☐ CH3 ☐ CH4 ☐ CH5 ☐ CH6 ☐ CH7 ☐ CH8

☒ Continued ☐ Events Clear All

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Sun																								
Mon																								
Tue																								
Wed																								
Thu																								
Fri																								
Sat																								

Copy to: ☒ CH1 ☒ CH2 ☐ CH3 ☐ CH4 ☐ CH5 ☐ CH6 ☐ CH7 ☐ CH8 ☐ All Yes No

Set up recording schedule

2. Audio On/Off.

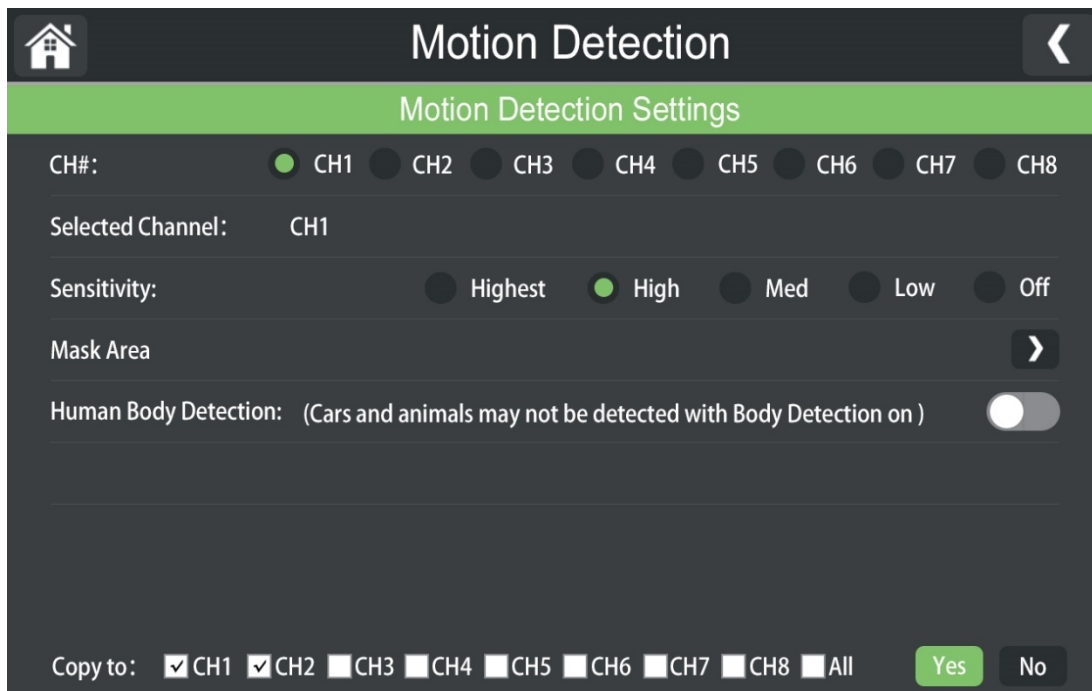
To turn on/off recording audio.

3. Backup.

[illegible]

Insert USB drive on monitor, select start time, end time and search the recordings between the selected time period, select the files you want to back up to USB drive.

5.4 Motion Detection Settings.



Motion Detection

Motion Detection Settings

CH#: ☒ CH1 ☐ CH2 ☐ CH3 ☐ CH4 ☐ CH5 ☐ CH6 ☐ CH7 ☐ CH8

Selected Channel: CH1

Sensitivity: ☐ Highest ☒ High ☐ Med ☐ Low ☐ Off

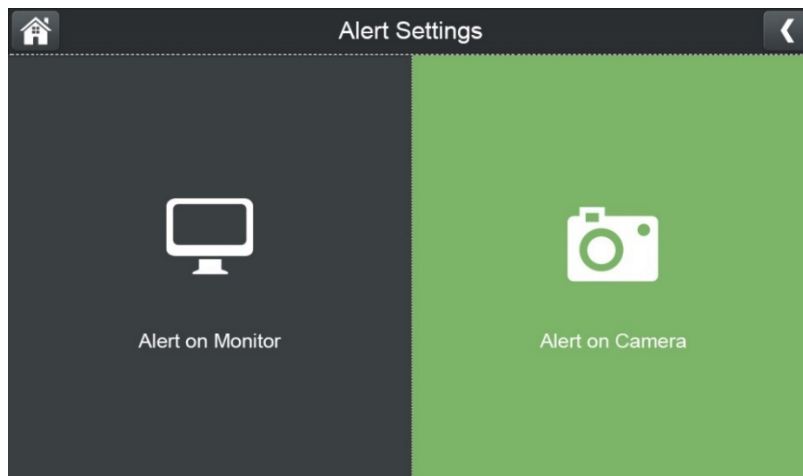
Mask Area >

Human Body Detection: (Cars and animals may not be detected with Body Detection on) ☐

Copy to: ☒ CH1 ☒ CH2 ☐ CH3 ☐ CH4 ☐ CH5 ☐ CH6 ☐ CH7 ☐ CH8 ☐ All Yes No

Setup motion detection sensitivity, mask area, human body detection enable/disable.

5.5 Alert Settings



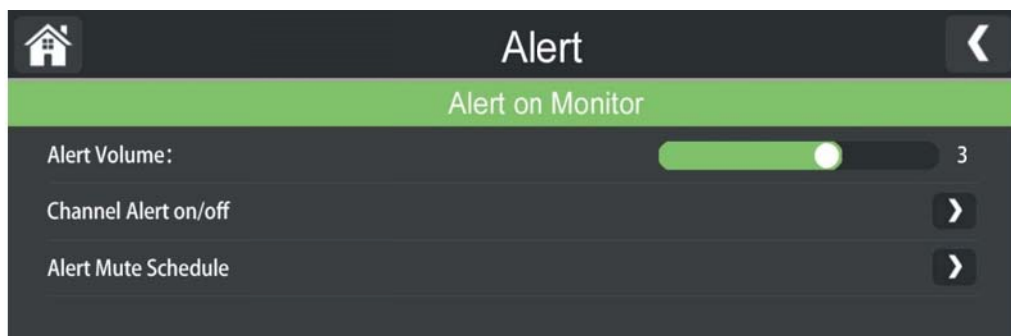
Alert Settings

☒ Alert on Monitor

☒ Alert on Camera

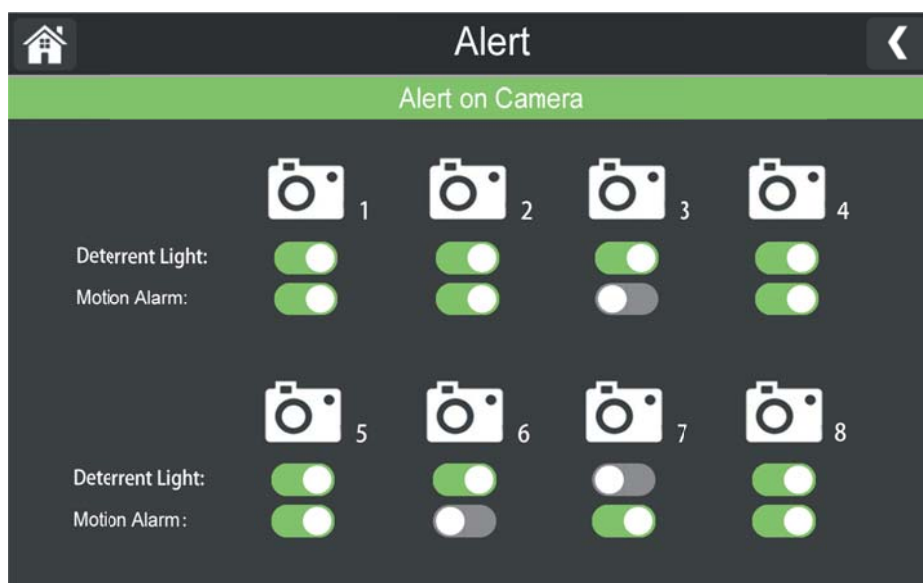
Alert settings for Monitor and Camera.

1. Alert on Monitor.



- 1). Alert Volume: Adjust alert volume on monitor.
- 2). Channel Alert On/Off: Turn on/off alert on monitor for each camera separately.
- 3). Alert Mute Schedule. Setup schedules for muting alert on monitor from different camera

2. Alert on Camera.

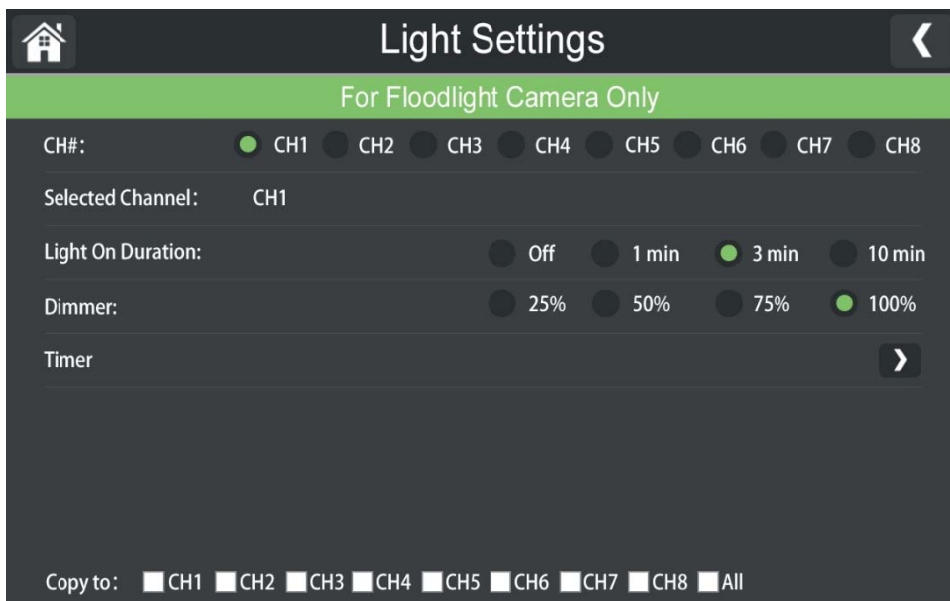


Turn on/off alerts (Deterrent Light & Siren) for each camera.

When Deterrent Light is enabled, once there is motion detected from one camera, this camera deterrent light will flash for 15 seconds

When Siren is enabled, once there is motion detected from one camera, this camera will play siren sound for 3 seconds.

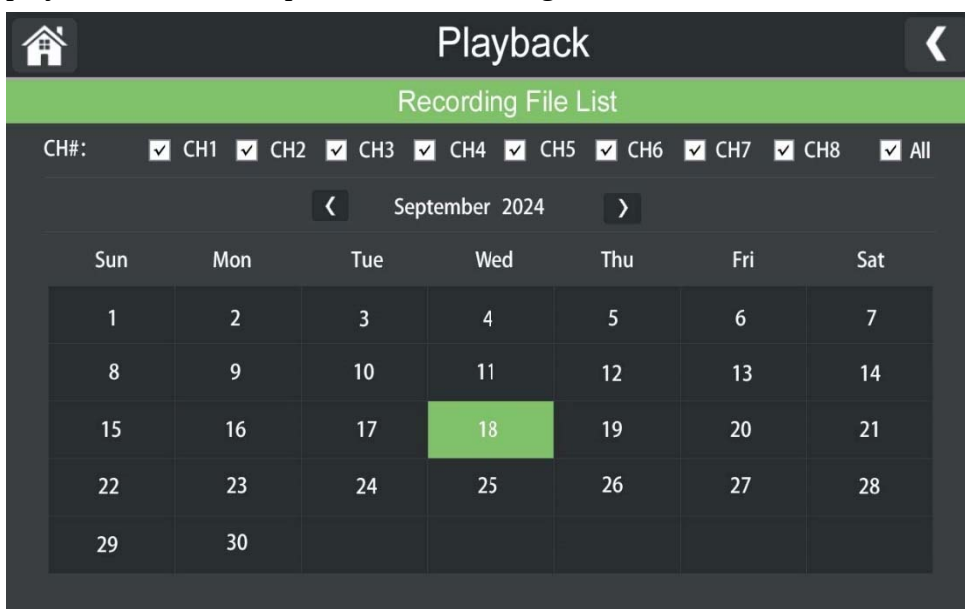
5.6 Light Settings



Set up light on duration, create a schedule for automatic light on/off, and adjust the brightness of the floodlight.

6. Playback

- 6.1.** In live view, press screen to get operation icons, press playback icon , or press the playback button on top of the monitor, to get a calendar



The date with green background means there is recording in that date, press that date to go into playback page.

6.2. Playback operation



On the bottom time bar, the green means there is continuous recording, yellow means there is event recording.

Press the button  on the right will zoom in the time bar, time bar will show only half hour of the cursor is in, press again to go back to 24 hours time bar.

Press fast forward button  will playback in x2, x4, x8, x16 speed.

Press slow play button  playback speed will reduce to current 1/2, slowest in 1/8 speed..

7. Use HDMI to connect to bigger monitor

When use HDMI cable connect the monitor to a bigger monitor (the bigger monitor must be power on and switch to HDMI input), monitor detects bigger monitor and will reboot, then there will be no display on 10.1" monitor, you need to use mouse (connect to 10.1" monitor) to operate. Once you unplug the HDMI cable, the 10.1" monitor will reboot and image will come back.

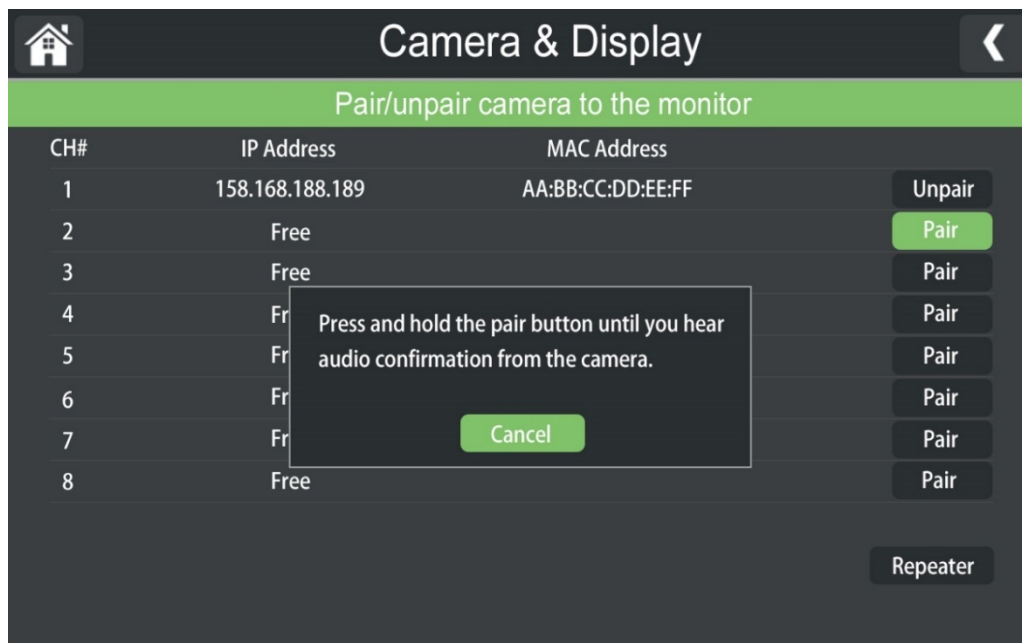
8. Adding New Cameras

Your monitor supports a total of 8 active cameras at a time. When you add a camera, you have to pair it to the monitor (that is, you have to "introduce" the camera and monitor to each other so they can communicate).

Pair Cameras

1. From Menu\Camera & Display\Pairing and Repeater, choose a free channel you want to pair, press the "Pair" button, a pop up message will display as follows, follow the instruction, press and

hold the pair button at the camera, until you hear an audible reminding.



2. After about 30 second, quickly press and release the Pairing button on the camera.

TROUBLESHOOTING CAMERA PAIRING

If...	Try...
The camera's signal status icon shows no bars	• Make sure the camera is powered up. • Make sure that the camera's antenna is attached tightly. • Flip up monitor's antenna. • Move the monitor closer to the camera.
The camera won't pair with the monitor	• Unplug and plug again the power. • Move the monitor and camera closer

9. Operating the MiSmart Camera (Android)/ MiSmart Cam (iOS) App

1. Download **MiSmart Camera** from Google Play or **MiSmart Cam** from App Store
Or scan the QR code from **Menu\System Settings\Network & P2P** to install the App.
2. Register an account on the App per instruction when you open the App,

8.1 Android

8.1.1 Add the device (monitor) to App

Make sure the monitor is connected to internet, the internet indication icon  is in green.

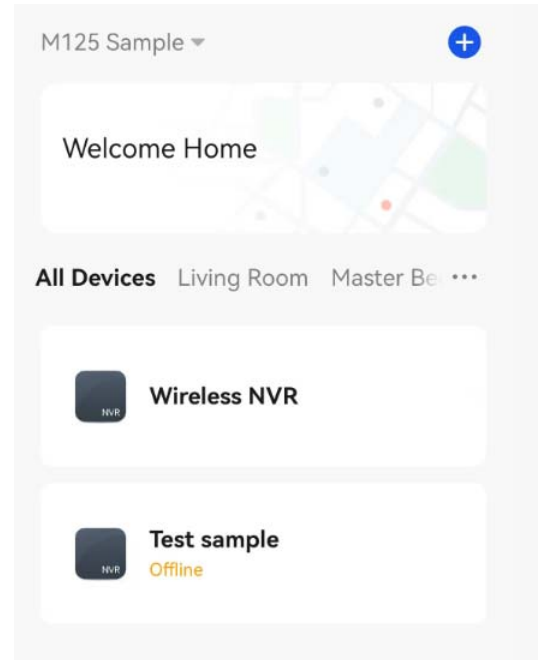
- a. Use ethernet cable to connect the monitor to your home router
 - b. From Menu\System Settings\Network & P2P\WLAN to connect the monitor to a WiFi.
1. Start **MiSmart Camera** and press the + icon at the upper right corner.
 2. Select scan, scan the UUID QR code from Menu\System Settings\Network & P2P
 3. Follow the instruction, then you can view cameras from your smartphone.

Once you added the device to your account, no one else can add this device again to another App account.

How to share the device with other App account.

You can share the device with your family member by adding your family member account in the home the device is.

In device list, press the home name (see M125 sample at the top left), Select Home Management (at the bottom)\ M125 sample\Add member\App account, input member name and App account, choose member type (Family Role) and save.



WF796

M125

CA144

✓

M125 Sample

Home Management

<

Home Settings

Home Name

M125 Sample >

Room Management

6 Room(s) >

Home Member

hyh

yh.he@rdichina.com

Home Owner >

M125 Sample

mike.yuan@163.com

Administrator >

Add Member

Leave Home

Cancel

Add Member

Save

Name

Please enter a home member

Region

China >

Account

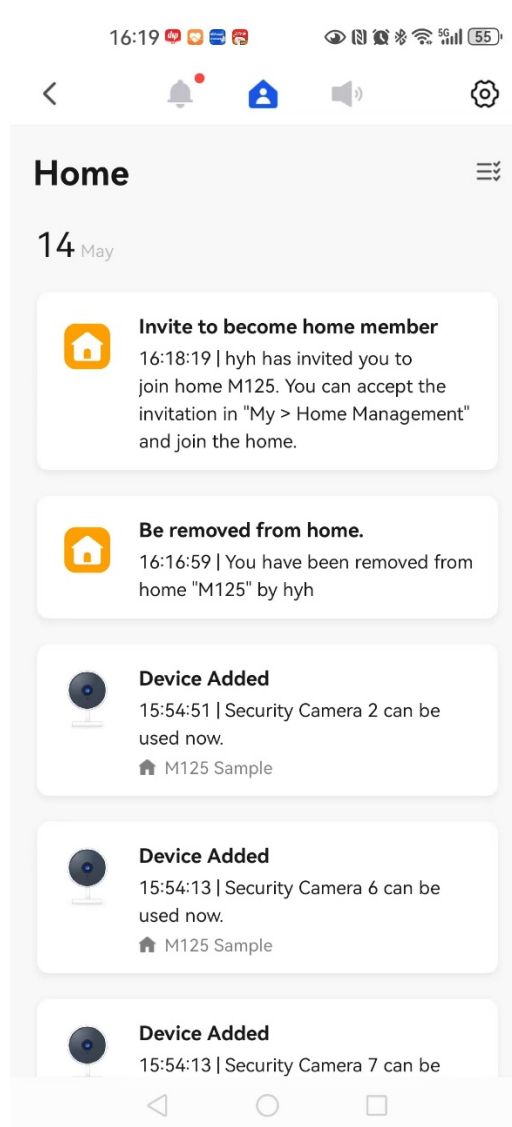
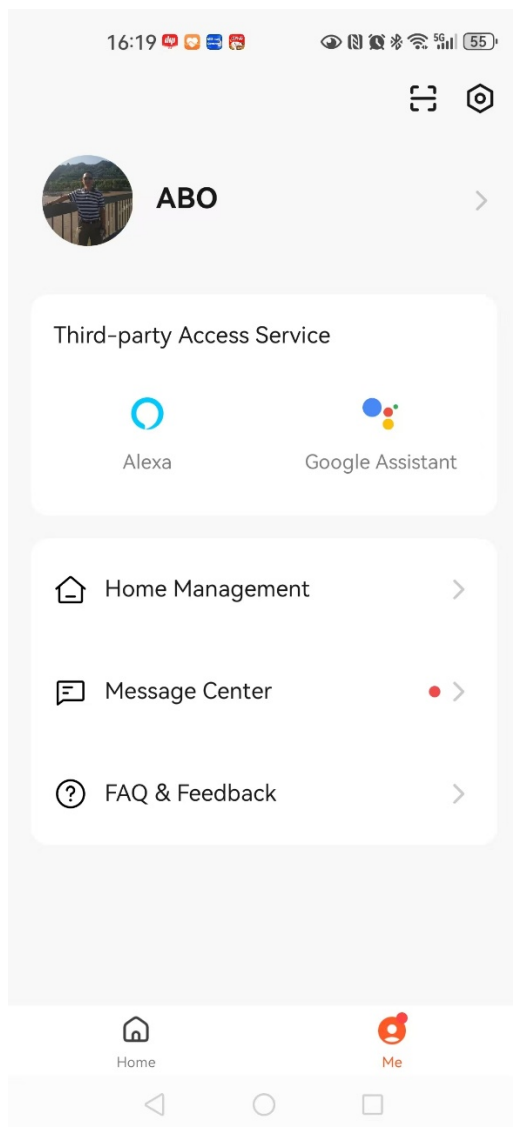
Please enter your account

Only after accepting the invitation will the account owner become a family member and be able to use relevant functions.

Family Role

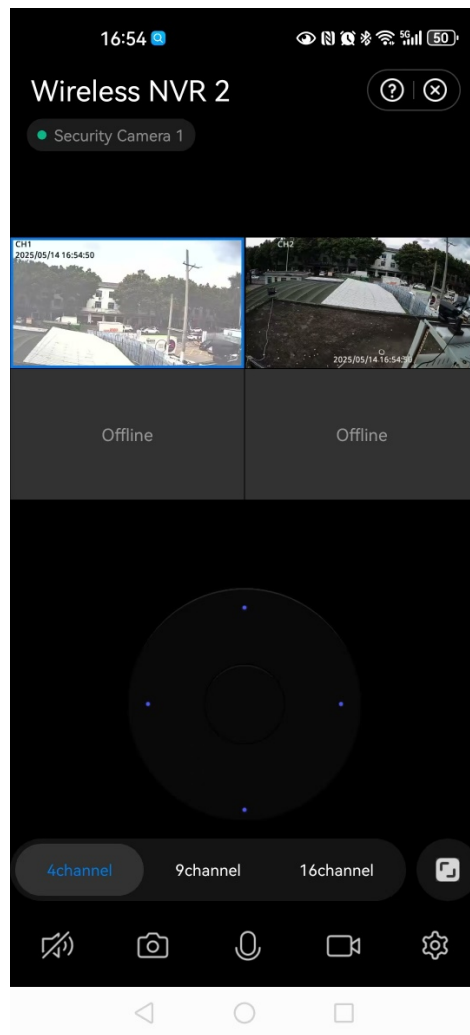
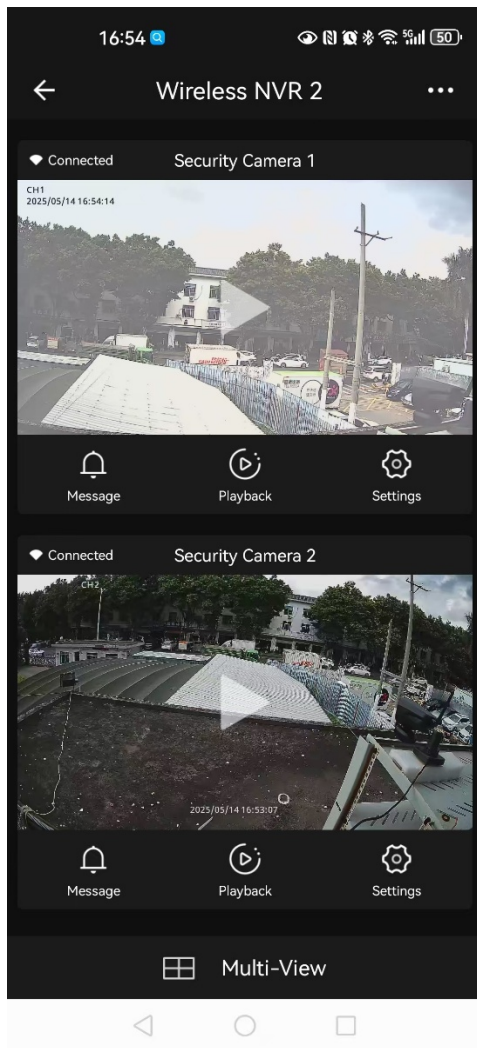
Common Member >

The account you want to share will receive a notification, in the App, from me\Message Center\Home (press the center home icon), you will find a message named “Invite to become member”, following the instruction to accept invitation, then you can see the shared device.



Press the device name (Wireless NVR or Test sample), you will get following left page, press the arrow in one of channel, you will get the live view from that channel camera.

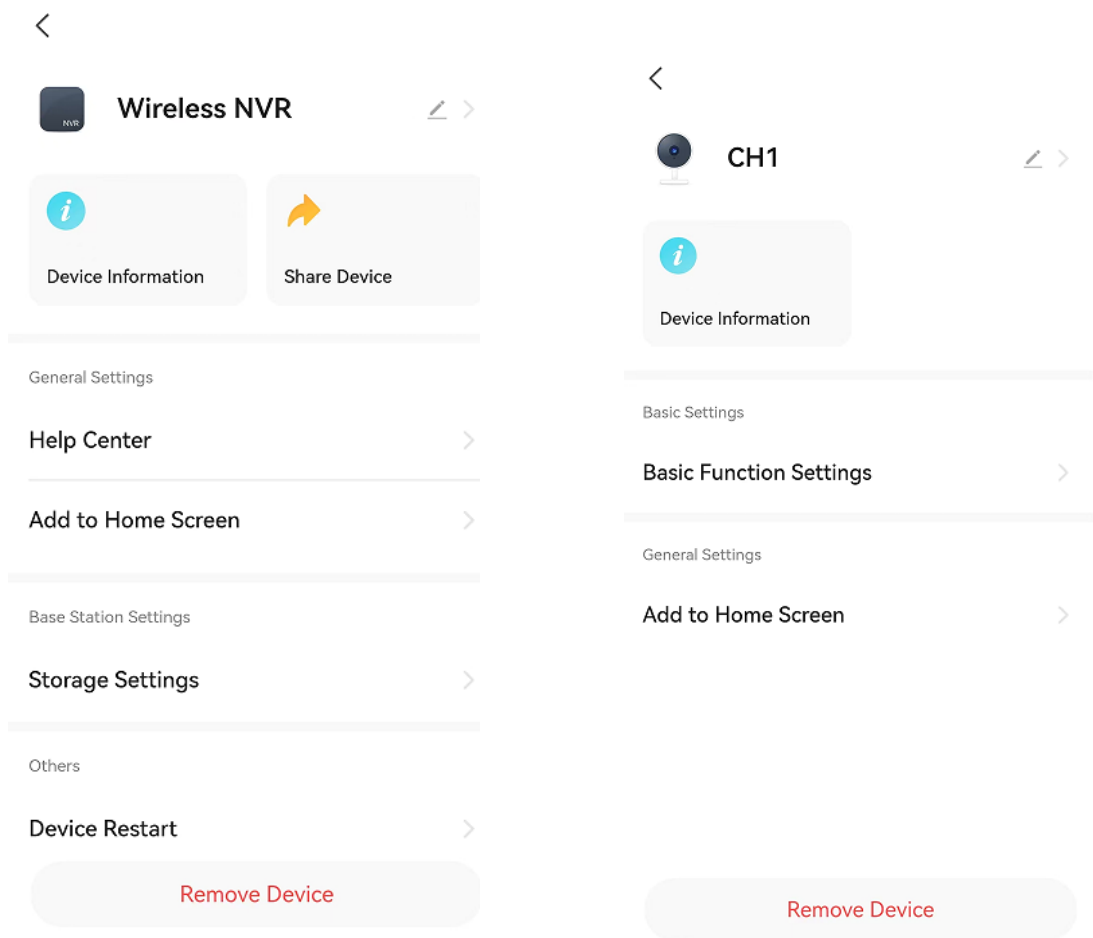
Press the icon  at the bottom, you can get all channel in one page, see following, you can select how many channels to be displayed from the bottom selection.



From the above left page, press the menu button **...** at the top right corner, you get this device (monitor) settings, you can change the name and logo of the device, add to home screen (so you can open it from home screen directly), restart the device and remove this device from your App.—Once you remove the device from your App, monitor will reboot and it is available for other App account to add to his App.

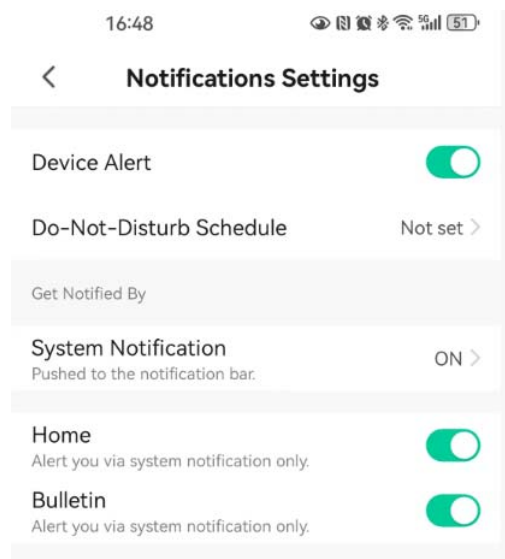
In each channel view, press **...** at the top right corner, you will get settings as following right picture. You can set one way talk or two way talk (in Basic Function Settings) and add to home screen (so you can open it from home screen directly), and remove device.

Note, in this camera settings, once you remove this device, you will not get back unless you remove the device (monitor) and add back (scan the UID on monitor) again.



Push notification setup

In App home page, Me\Settings (the gear icon at the top right corner)\App notification, Keep “Device alert” on and “System Notification” on you can turn on push notification, turn Device alert” off will turn off push notification.



Technical Specification

Model	Wireless Video Monitor
Operating System	LINUX
LCD panel	10.1-inch TFT LCD
Resolution	1280*800
Operation method	Capacitance touch screen
Operation interface	Flat style UI interface, easy to operate
Channels	Max support 8*camera
Video Compression	H265
Record	Support scheduled recording, event recording and manual recording
Storage	SSD HDD and TF card
Hard Disk	1 x SSD, Max 2TB
TF Card	1 x TF Card, Max 512GB
USB Interface	1 × USB 2.0
WIFI module	1 x WIFI6 (between camera and monitor), 1 x WIFI4 (between monitor and router)
HDMI	1xHDMI output
Audio Input	Built-in Microphone
Audio Output	Built-in Speaker
Audio Compression Standard	G.711U
Audio Compression Rate	64Kbps
APP	Support Tuya APP
Network Interface	1 RJ-45 10/100M self-adaptive
Power Supply	DC5V 2A
Power Consumption	<10W
Working Temperature	-10℃ ~ 55℃
Working Humidity	10%~90%
Dimensions	264mm*157mm*27mm
Materials	ABS

Model	Wireless Camera
Operating System	LINUX
Sensor	3MP color CMOS sensor
Video compression	H.265
Frame rate	15fps
Video resolution	Main stream: 2304*1296, sub-stream: 640*360
WIFI module	1 * DC3.3V WiFi module
IR Cut	1*IR Cut
MIC	1*microphone
Speaker	1*speaker
Audio Compression Standard	G.711U
White LED	6*1W
Image detection	Support VMD, PIR, human body detection
Power Supply	DC12V 1A
Working Temperature	-10℃ ~ 55℃
Working Humidity	10%~90%
Dimensions	212mm*97mm*81mm
Materials	Aluminum + ABS

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

FCC ID: SJ8-M125