XT-M5CAM

5MP IP Dome Camera

(Built-in PoE)

User Manual
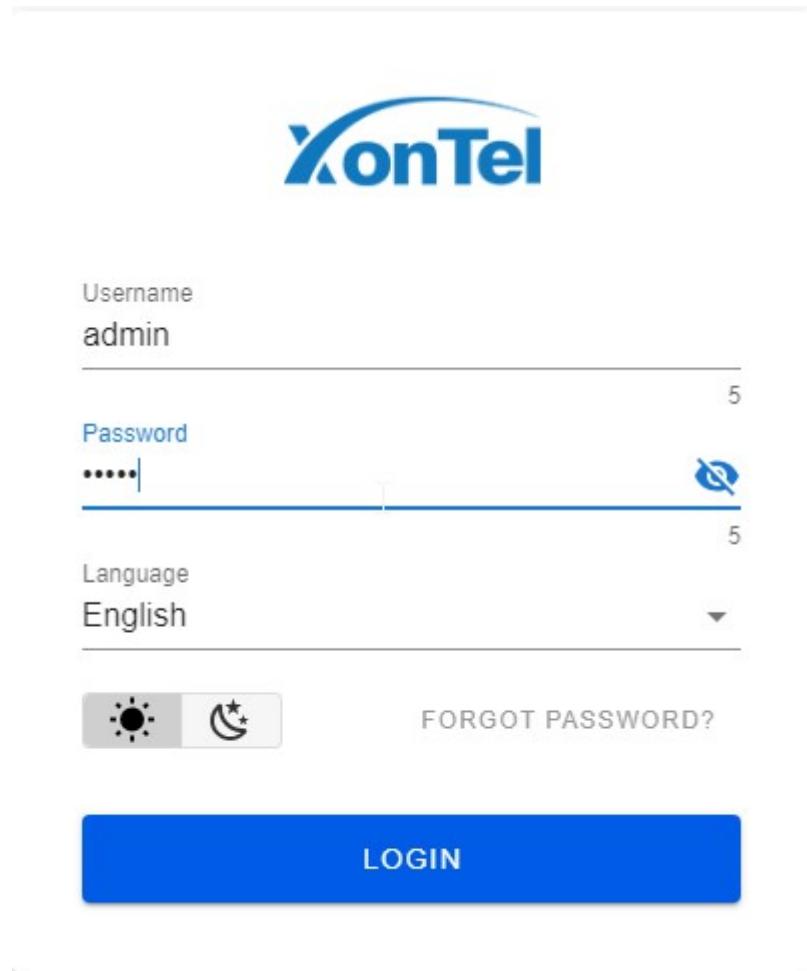
Contents

1.Login interface

Enter the IP address of the camera in Google or Firefox (**the default IP address is 192.168.1.188**) to enter the login interface, as shown below:

Username ：**admin**

Password ：**admin**

Language Arabic and English can be selected:

Forgot password: click this button to reset the password according to the wizard;
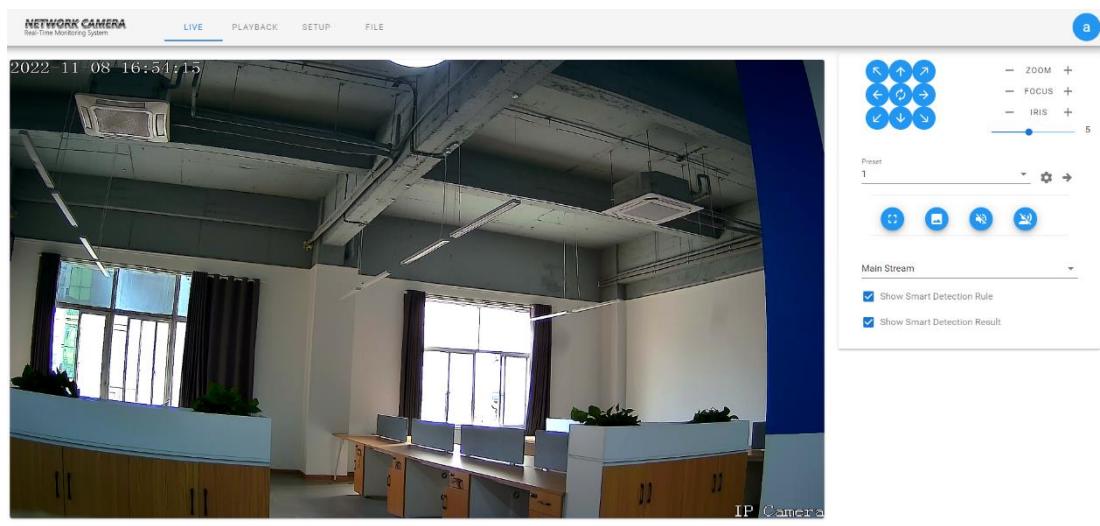
Select the sun icon to use the white page, and select the moon icon to use the black page;

Click [Login] to successfully log in to the camera.

Real-time Preview

After successful login, the interface is as follows:

Note: The device needs to be inserted with a TF card as a full function display interface, otherwise, the device is a simple display interface.

2.1 Full screen preview

Click the full screen icon to preview the full screen, and press ESC to exit the full screen

2.2 PTZ control

PTZ control: Eight direction keys can control the rotation of front-end equipment, and the middle is automatic rotation

Zoom：Adjustable zoom size

Focuse：Adjustable focus size

Iris：Adjustable iris size

Speed：The slider can control the speed of the PTZ
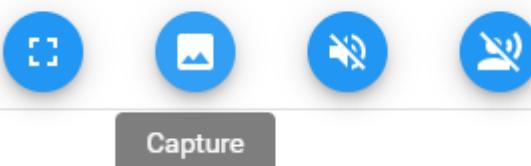
【**Preset point setting**】 First, turn the camera to the desired position through the

direction button controlled by the PTZ, then select a preset number in the "preset point"

drop-down list, and finally click the ⚙ setting button.

【**Preset point call**】 Select a preset number to be called from the "preset point" drop-

down list, and then click the ➜ call button.

Capture

【**Capture**】 Preview the snapshot, and click it to automatically pop up the snapshot
saving path file

【**Sound**】 Turn on/off sound preview

【**Talk**】 Turn on/off voice intercom

Main Stream ▾

2.2 Stream type selection
Select the current main stream preview or sub stream preview

2.3 Display intelligent detection
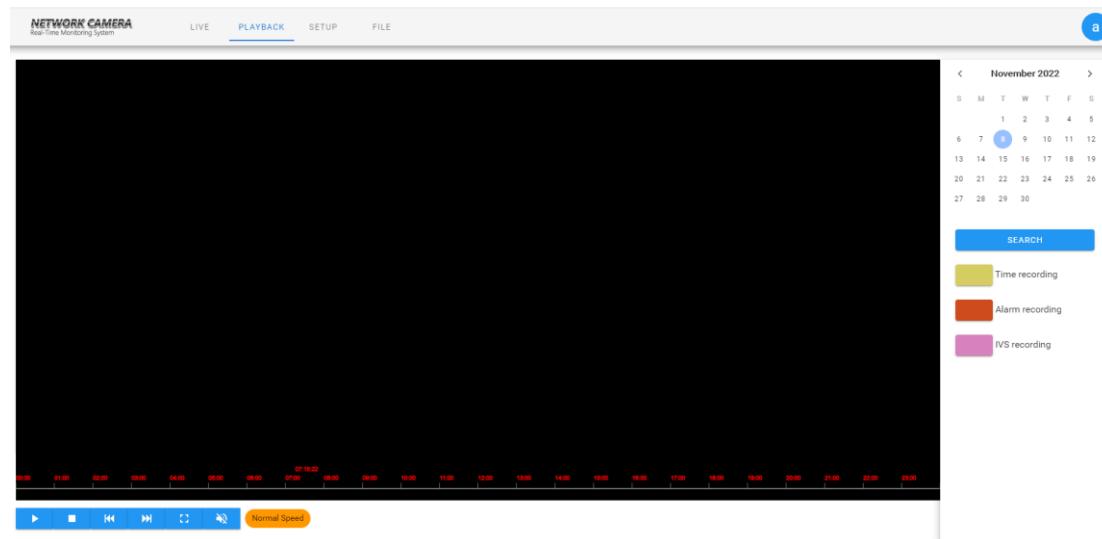
☑ Show Smart Detection Rule

☑ Show Smart Detection Result

Display intelligent detection rules: select whether to display intelligent detection types

Display intelligent detection results: select whether to display the statistical results of intelligent detection

Playback

Click "Video Playback" to enter the playback interface, select the time to call the video, click seach button

SEARCH the video will be automatically retrieved;

play：Start current playback;

stop：Stop current playback;

Slow：Slow down playback speed (1/2, 1/4, 1/8, 1/16 times respectively);

Fast：Speed up playback (2, 4, 8, 16 times respectively);

Full screen：the playback screen will be displayed in full screen;
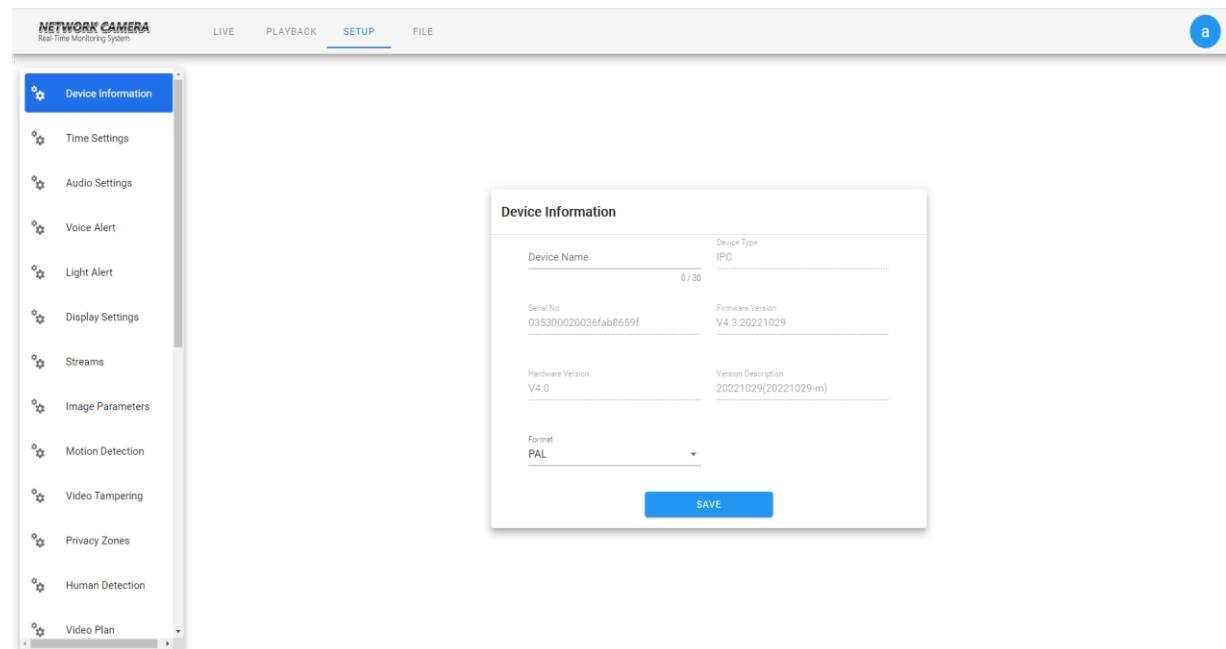
Sound：The sound in the video can be turned on/off.

Double click the position of the search bar to play, or click the "Play" button to start playback.

（Note: This function requires the device to support TF card storage.）

Parameter configuration

Note: The device needs to be inserted with a SD card as a full function display interface, otherwise, the device is a simple display interface.

4.1 Device Information

Equipment Name: the name of the equipment can be set.

Equipment Type: displays the equipment type.

Serial Number: displays the product serial number.

Master version: displays the software program version date.

Hardware Version: Displays the version number of the hardware motherboard.

System: PAL and NTSC image system can be switched.

4.2 Time Settings

Time Settings

TIME SETTINGS	NTP SETTINGS	DST

Device Date
📅 2022-11-8

Device Time
🕐 17:56:32

TimeZone
GMT+08:00 Beijing ▾

MANUAL TIMING	SYNC WITH PC TIME

Manual timing: set IPC time manually.

synchronization with PC: synchronize the current PC time.

4.3 Voice output settings

Voice Alert

VOICE ALERT   ARMING SCHEDULE

No.	Voice Content	Play Counts	Try
1	警戒区域，请尽快离开	3	▶
2	危险区域，请勿靠近	3	▶
3	高处危险，请勿攀爬	3	▶
4	您已进入监控区域	3	▶
5	您好，欢迎光临	3	▶
6	贵重物品，请勿触碰	3	▶
7	私人领域，禁止入内	3	▶
8	水深危险，注意安全	3	▶

SAVE

Voice alarm output: you can set the playing times of 8 voice alarms and click to listen.
Arming Schedule: The Arming Schedule of voice broadcast can be set.

4.4 Alarm lamp output

You can set the defense time of alarm lamp output, and click the [Save] button after setting to take effect.

4.5 Display Settings

OSD font: the OSD font size of the interface can be adjusted.

Time OSD: Time OSD format and position can be adjusted.

Title OSD: adjust the content, format and location of the title OSD.

Multiline OSD: add multiline user-defined OSD character content and position, and you can select whether to display it.

Hue: brightness/contrast/saturation/hue can be adjusted.

4.6 Encoding settings

Streams

Stream Type	Video Type
Main Stream ▾	Video ▾
Resolution	Frame Rate
2592*1904 ▾	Full Frame ▾
Video Encode	Encode level
H264 ▾	HighProfile ▾
I Frame Interval	Bitrate Type
40 ✕	Variable ▾
Bitrate	Quality
4 Mbps ▾	Higher ▾

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Stream compression type: the main stream and sub stream coding types can be selected.

Code stream type: including composite stream and video stream;

Resolution: The front-end IPC supports several resolutions, and the corresponding ones will be displayed here.

Video frame rate: different values can be selected from the drop-down list. The default value is Full Frame Rate.

Code type: including H264/H265;

Code Level: you can select a code level, including Baseline, MainProfile, and HighProfile.

I frame interval: I frame interval can be set.
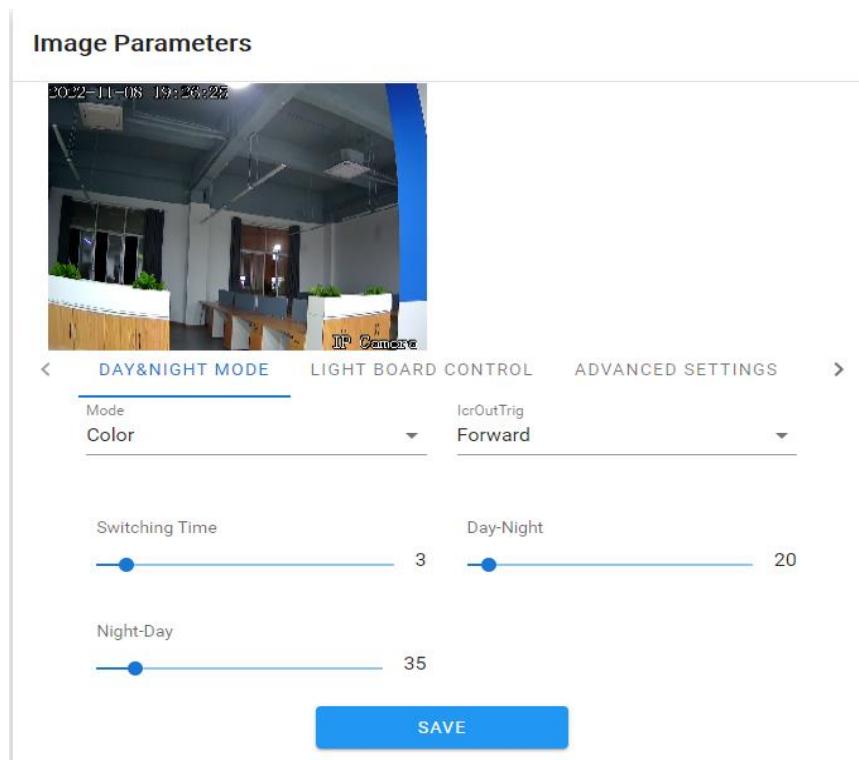
Bit rate type: including fixed rate and variable rate.

Bit rate: different bit rates can be set for different channels.

Image quality: six types can be selected: best/sub good/good/average/poor/worst.

4.7 Image Parameters

Day night switch: divided into external trigger, automatic, color, black and white. The day and night switching mode of non-infrared network model is automatic by default, and the day and night mode of infrared network model is external trigger by default. The user selects the day and night switching mode according to the network machine model and the actual use scenario;

Color mode: divided into three types: standard, gorgeous and natural; The color mode defaults to standard;

IRCUT trigger: it is divided into forward/reverse, which is related to the actual IRCUT hardware;

Switching time: the day night switching delay value (0-30) is 3 seconds by default;

Day night switching threshold: the default value is 20, and the threshold range is 0-255. The value can be adjusted according to customer needs;

Night day switching threshold: the default value is 35, and the threshold range is 0-255. The value can be adjusted according to customer needs;

Fill light setting: light mode, switching mode and light brightness can be set.

Advanced settings: you can set image mode, wide dynamic mode, 3D time domain. sharpness, defogging function, night frame reduction, and white balance.

Exposure control: backlight mode, exposure allocation strategy, gain control, shutter and infrared light receiving can be set.

GAMMA: GAMMA value and power frequency can be set.

4.8 Motion Detection

Parameter setting: you can set whether to enable the detection function, set the detection sensitivity, and set the detection area.

Deployment Time: you can set the deployment time from Monday to Sunday.

Linkage setting: you can set the linkage to upload email, video, FTP, alarm light, alarm output, capture, and voice broadcast.
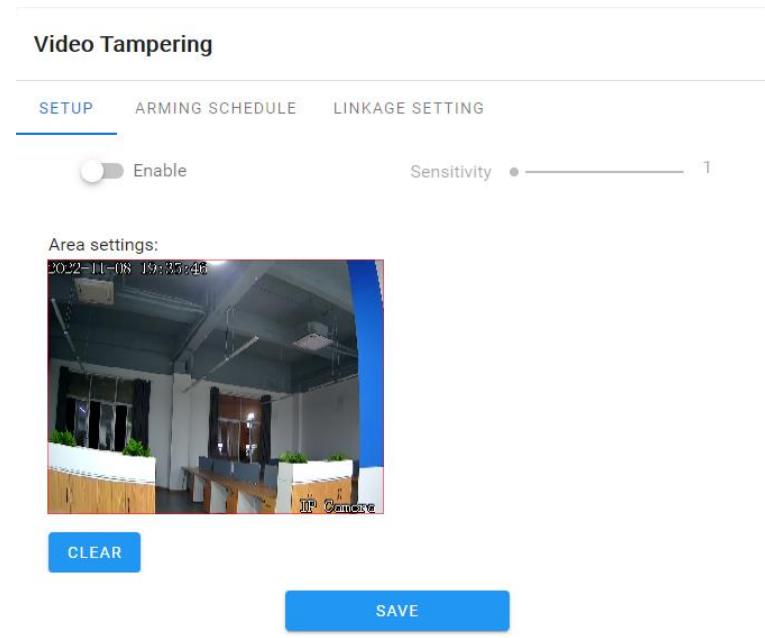
4.9 Video Tampering
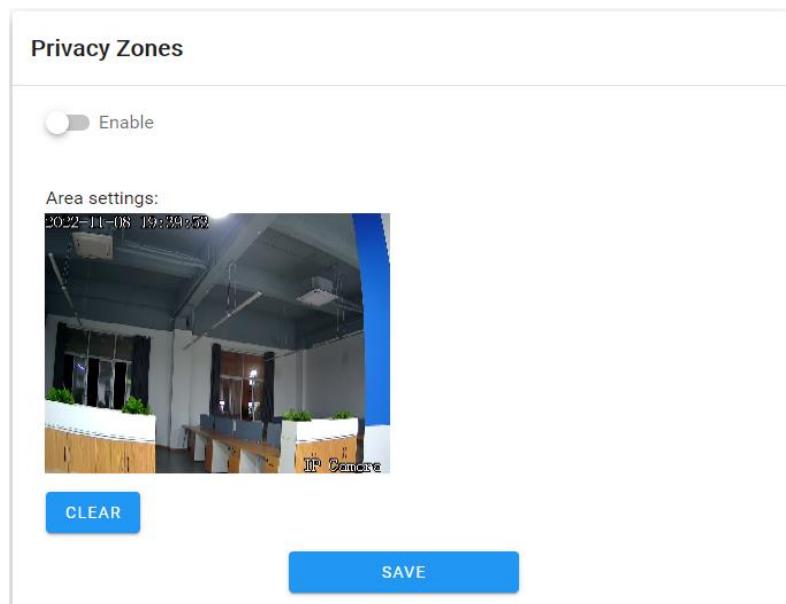
Parameter configuration: you can set whether to enable the detection function, set the detection sensitivity, and set the detection area.

Deployment Time: you can set the deployment time from Monday to Sunday.

Linkage setting: you can set the linkage to upload email, video, FTP, alarm light, alarm output, capture, and voice broadcast.

4.10 Privacy Zones
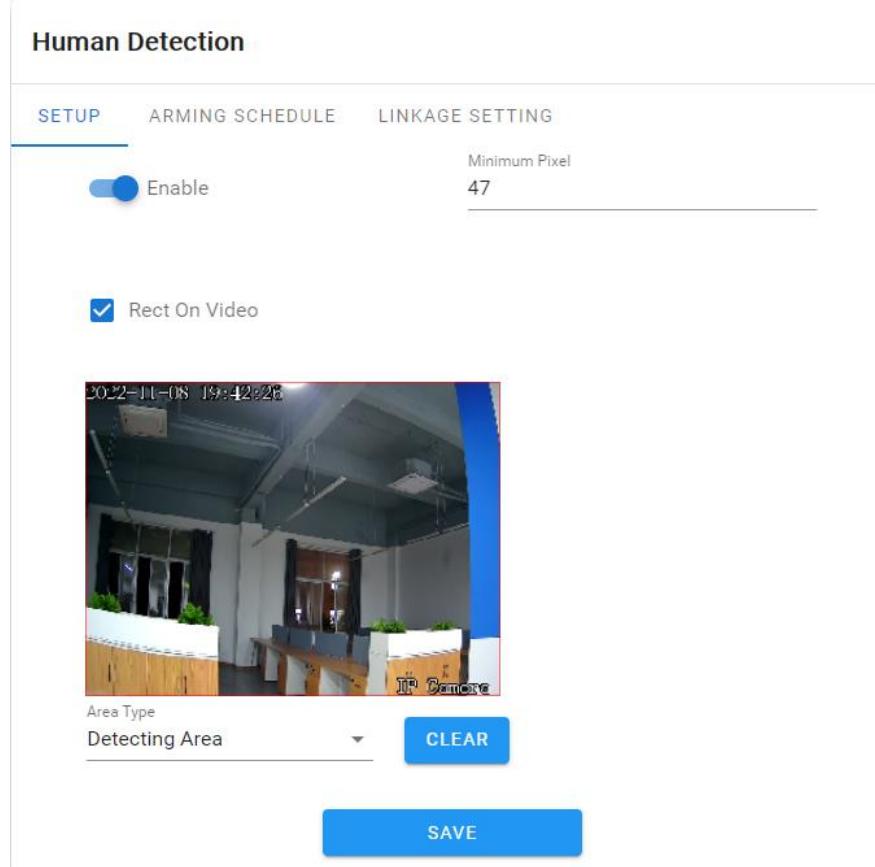
Enable: privacy masking can be enabled or disabled.

Setting area: In the preview interface of Setting Area, press and hold the left mouse button and drag to select the area to be masked.

Clear: click "Clear" to clear the area specified by IPC.

4.11 Human Detection

Parameter setting: you can set whether to enable the human shape detection function; The minimum human shape pixel size can be set to be the minimum human shape pixel size detected; The video stream can be superposed to the human frame; Detection area and shielding area can be set.

deployment Time: you can set the deployment time from Monday to Sunday;

Linkage area: linkage upload email, video, FTP, alarm light, alarm output, capture and voice broadcast can be set.

4.12 Video Plan

Video Plan

SETUP   ARMING SCHEDULE

Video Mode
Time recording+Alarm recording ▼

Pre Record
No PreRecorded ▼

Post Record
1min ▼

SAVE

Parameter configuration: video recording mode, pre-recording time and video recording delay can be set.

Deployment Time: you can set the deployment time from Monday to Sunday.

4.13 Network Settings

Network Settings

BASE CONFIG   HTTP/HTTPS   RTSP SETTING

◉ Static IP   ○ DHCP

IP Address	Subnet Mask
192.168.0.77 ✕	255.255.0.0 ✕

Gateway	DNS 1
192.168.0.1 ✕	8.8.8.8 ✕

DNS 2	MAC
8.8.4.4 ✕	00:36:FA:B8:65:9F

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Basic setting: static IP or DHCP mode can be set;

HTTP/HTTPS： You can set HTTP or HTTPS access on or off and port number;

RTSP setting: RTSP on/off, port number, and base64 or Digest authentication mode can be set.

4.14 RTMP Settings

RTMP Settings

BASE CONFIG   RTMP PUSH   NOT DISTURB TIME   NOT DISTURB CONFIG

Enable

Port
1935

SAVE

Basic settings: set whether RTMP is enabled or not and the port number;

RTMP Push: set whether to display the set rules and detection results in the preview interface.

No Disturb Time: set the no push time period in weeks.

No Disturbance Setting: set the no push client.

4.15 Management Platform

Management Platform

Protocol
GB28181   Enable

< DEVICE PARAMETERS   SIP SERVER 1   SIP SERVER 2   MULTICAST C >

Online status: Offline

Device NO.

Stream Type
Main Stream

Local Port
0   ✕

Expires
0   Second(s) ✕

Keepalive
0   Second(s) ✕

KeepaliveCnt
0   ✕

Signal Transfer Mode
UDP

Stream Transfer Mode
Auto

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Equipment parameters: set GB28181 related parameters, including equipment number, code stream type, local port, registration validity period, heartbeat cycle.

maximum heartbeat timeout, signaling transmission mode, and stream transmission mode.

SIP server 1: Set the SIP 1 server number, IP, domain, port, and registration password.

SIP server 2: Set the SIP 2 server number, IP, domain, port, and registration password.

Multicast settings: set multicast ports and multicast addresses.

Channel/alarm: set channel number, alarm level, alarm number and alarm level.

4.16 Multicast Config

Multicast Config

Enable Multicast

Stream
Main Stream

Video

IP Address
238.255.0.2

Port
28080

TTL
255

Audio

IP Address
238.255.0.5

Port
28080

TTL
255

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Multicast is disabled by default. After enabling, you can set the IP address, port, and TTL of the multicast main code stream, sub code stream, and audio.

4.17 Email Settings

EMAIL Settings

Sender's Address   Password

SMTP Server   SMTP Port
                                     0

☐ SSL   ☐ Spoof Check

Receiver's Address   Receiver's Address

Receiver's Address

SAVE

Sending Email: fill in the email address of the sending box.

Password: fill in the email password of the outbox.

confirm Password: Confirm the email password.

SMTP Server: Set the SMTP server address of the outgoing mailbox.

SMTP Port: Set the SMTP server port of the outgoing mailbox.

Receiving mailbox: fill in the address of the receiving mailbox.

4.18 FTP Settings

FTP Settings

BASE CONFIG   TIME SNAP

Server Address   Port
                                     21

Username   Password

Link Mode
Active   ▼   Path

SAVE

Basic settings: fill in the server address, port number, user name, password, linkage mode and file path to upload.

Timing capture: timing capture interval, code stream type and deployment time can be set.

4.19 Alarm Input

Parameter configuration: select whether to open alarm input, alarm input terminal, name and trigger level.

Deployment Time: You can set the deployment time period from Monday to Sunday;

Linkage setting: you can set the linkage to upload email, video, FTP, alarm light, alarm output, capture, and voice broadcast.

4.20 Alarm Output

Alarm output: set alarm output terminal;
Output relay status: it can be set to normally open and normally closed.
Output alarm delay: select the delay time of the output alarm (when the alarm triggering ends, the corresponding time of the alarm output delay)

4.21 User Settings

User Settings

Username	User Type	Operation		
admin	Admin	MODIFY		
guest	Guest	MODIFY	DEL	PERMISSION

ADD USER

Modify: login password can be changed for administrator account; Ordinary users can change the user type, set two types: ordinary users and operators, and set different permission assignments in Permission.

Delete: delete the new user.

Permission: you can assign permissions to ordinary users.
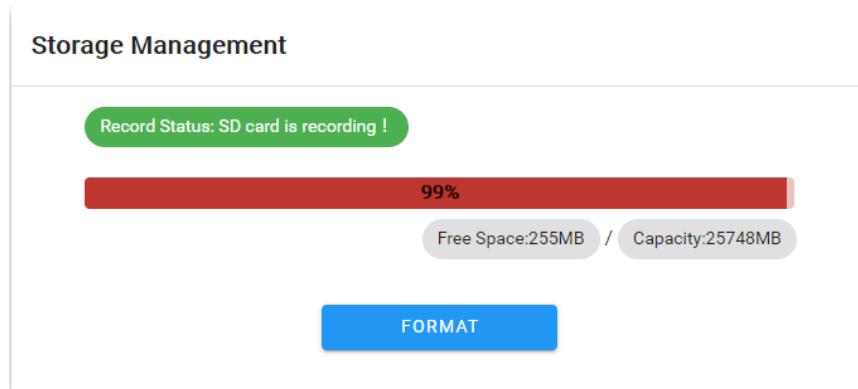
Add new users: users can be added as required.

The permissions of the guest user (default) are shown in the following figure:

User Settings

☐ Remote PTZ   ☑ Remote Playback

☐ Remote Parameter Settings   ☑ Remote Log Query

☐ Remote Upgrade and Format   ☐ Voice Talking

☑ Remote Preview   ☑ Remote Reboot

SAVE   BACK
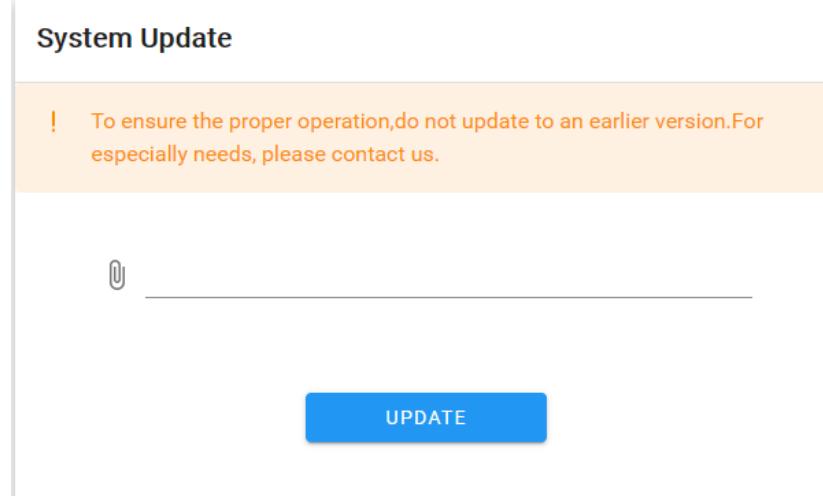
4.22 Storage Management

The current recording status can be displayed, the used capacity, remaining capacity and total capacity of SD card can be formatted.

4.23 System Update

Select the correct upgrade package file and click Upgrade to upgrade the camera.

4.24 Device Maintenance

Device Maintenance

CONFIG   RESTORE   AUTO REBOOT   REBOOT

EXPORT CONFIG

IMPORT CONFIG

Configuration: current configuration can be exported and user configuration can be imported.

Restore default: simple restore or full restore is available.

Automatic maintenance: automatic maintenance time can be set;

Restart: restart the camera immediately.

4.25 Developer

**You can access The IP camera through telnet after enabling this setting**

Developer

Enable Telnet

Port
23

Password
●●●●●●

SAVE

5.FILE Management

Select the time and click the search button to retrieve the SD card linkage snapshot.

6.Logout

Click the blue letter "a" in the upper right corner to log out, as shown in the figure

+965 1880005   www.xontel.com   kuwait@xontel.com