

Shenzhen zhiyong Industry Co., Ltd.

Underwater Camera User Manual



Catalog at a Glance

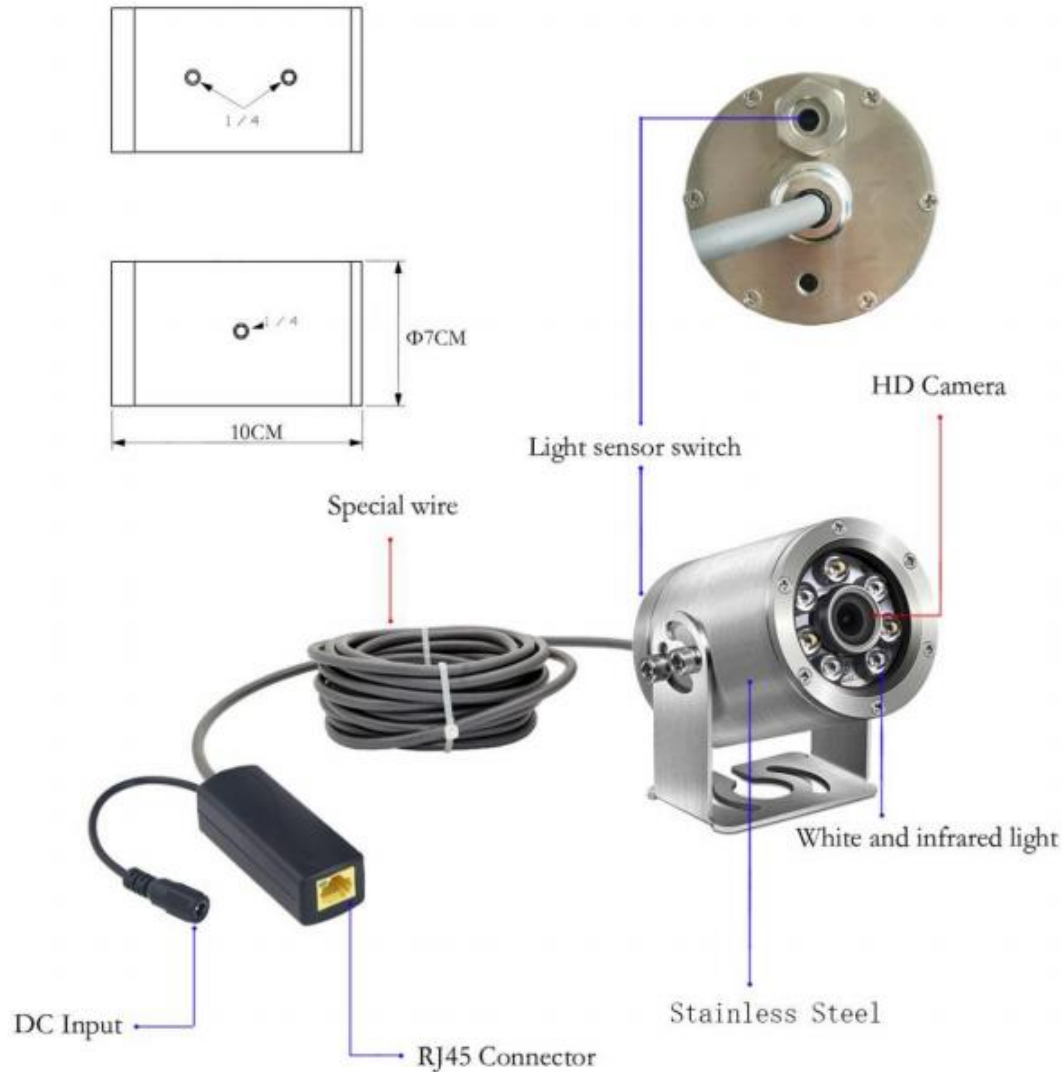
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This function is not available for the unlit version of the camera and the automatic light version of the camera.Can't adjust the lights.



BARLUS

IP68 Underwater camera



1.Camera exterior introduction

Precautions:

- 1:The wiring connector is not waterproof, please keep it dry.
- 2:The front end of the camera is made of tempered glass, and collision with glass is prohibited. (If you need sapphires material, please contact technical support to customize the camera)
- 3:During use, the photosensor switch and camera glass need to be cleaned regularly to prevent microbial growth.

2.VMS Login and Help

Download software center: <https://barluscam.com/pages/dowanload>

Technical support E-mail:
sales2@barluscam.com

All software and instructions on the U disk
If you need other services, please contact us.



For a better experience We recommend using
the software to watch the video. Browser
access to camera page version is too old:)

Note: Support windows, Mac, computer software, mobile APP, NVR, all PTZ control.

Windows-VMS Software

MAC-----VMS Software

Default Account: admin

Default Password: The default password is empty

VMS

UserName: admin

Password: •••••

☒ Remember Password

SIGNIN CANCEL

Note: After downloading VMS, the account name and password will be auto-populated when logging in.
You can just click login directly.

If you want to change the login password you can change it in VMS.

IP Camera default IPAddress: 192.168.1.10 (Before use, check the LAN IP)

Default Account: admin Default Password: The default password is empty

TCP Port:34567,HTTP Port:80,ONVIF Port:8899(Access other software and NVR)

3.Introduction to Tools

1. The supporting tools: NVR/IPC equipment of some of the peripheral software, plug-ins, and ot-her tools.
2. Manual: all series of instructions on the use of the products, supporting the use of tools that,Mobile phone monitoring software installation pack-age, SDK setups, etc.
3. The VMS is the client monitoring software, can undertake client video, remote monitoring,Equipment centralized management
4. Diskplayer player, can play computer hard disk video recorder file department All video files
5. Ie plug-in, after installation can through the ie remote access equipment
6. Player Player, h. 264 video files of the Player
7. DeviceManages, can for NVR, IPC, such as equipm-ent NVR software DeviceManages 8.SDK setups
- 9: For mobile viewing, you can search and download "**XMEYE**" from your cell phone's APP store, and for iphone users, download "**XMEYE pro**".

4.Connection Instructions

Barlus underwater cameras are all ip cameras. The IP address of the camera needs to match the IP address and gateway of your computer or LAN to connect properly.

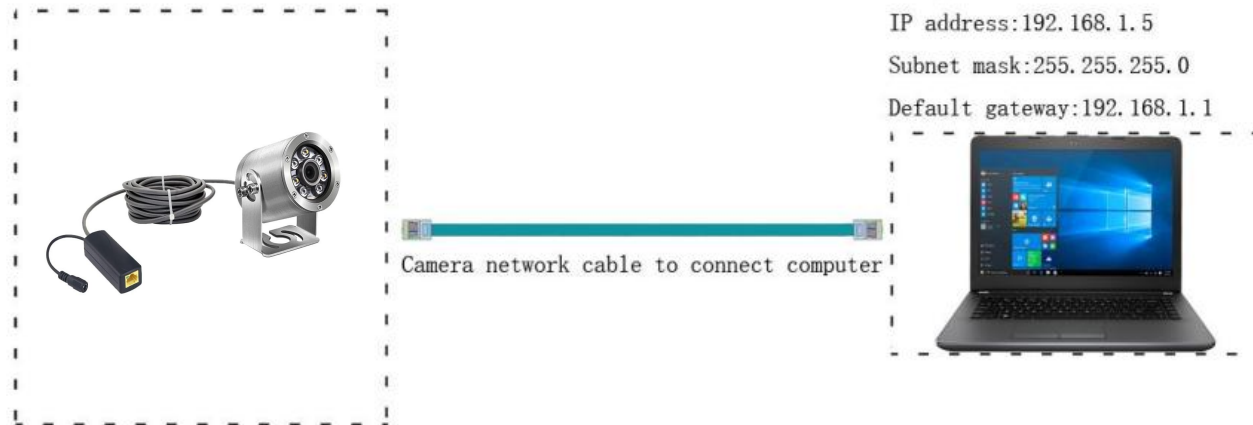
(1).The camera connects directly to the computer using an Ethernet cable

Example:

IP address:192.168.1.88

Subnet mask:255.255.255.0

Default gateway:192.168.1.1



Example:

IP address:192.168.1.5

Subnet mask:255.255.255.0

Default gateway:192.168.1.1



When connected directly to the computer. The ip address of your computer needs to be set to match that of the camera.

Refer to the right figure, camera IP address:

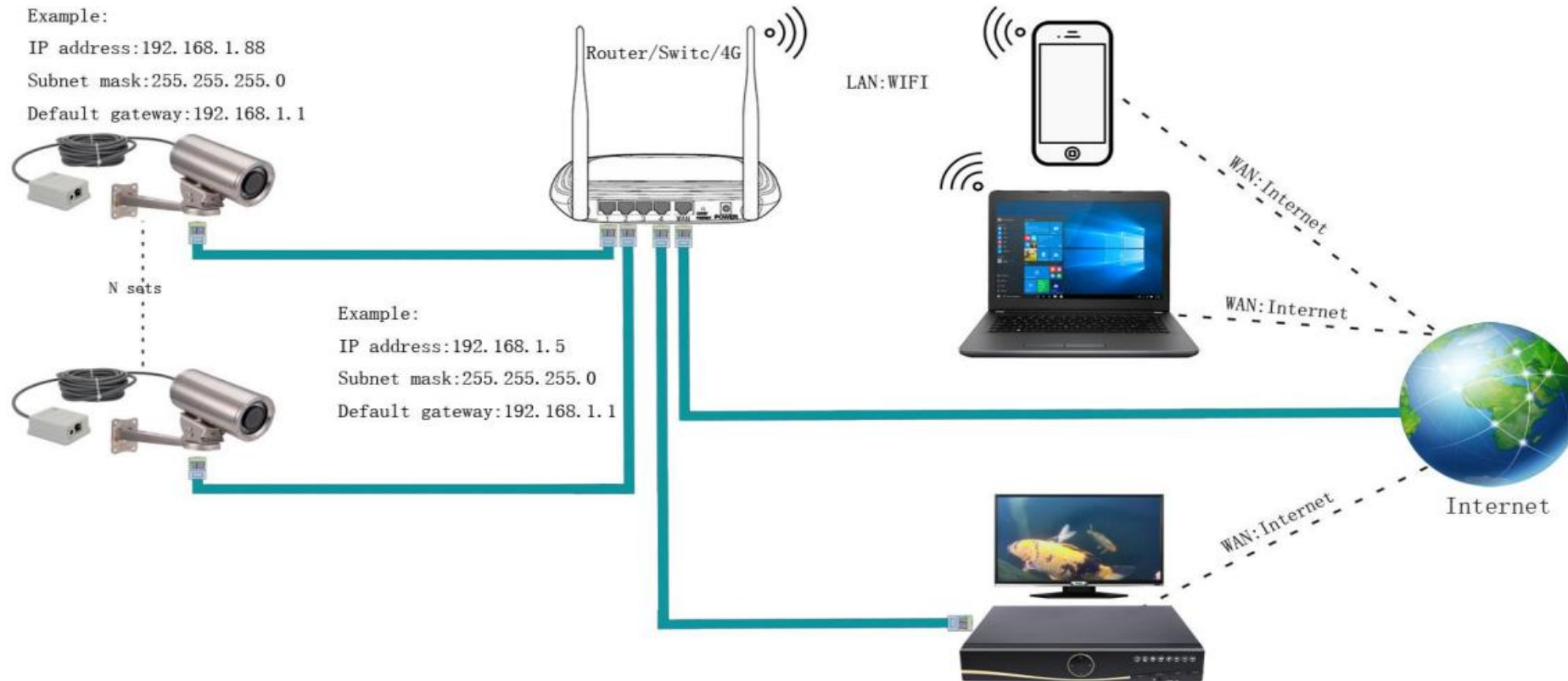
192.168.1.10

Then the static IP address of the computer will be: **192.168.1.xx**

(x can be any number, just the first three parts are consistent)

The gateway is fully aligned

(2). Camera connected to the router



When connecting to your router, you need to check that the IP address of the camera matches the IP address of your WIFI. If it does not match, you need to change the IP address of the camera.Can be modified in VMS

As shown in the picture. If you check the IP address information of your wifi:

192.168.1.5
255.255.255.0
192.168.1.1

Then the camera's ip address information should be:

192.168.1.xx
255.255.255.0
192.168.1.1

5.How to change the IP address of the camera



As shown. After searching for the camera's ip address, if the camera's IP address does not match your router's ip address or gateway. Please change the camera's ip address here.

VMS

Home

Device Manager

Online Devices: 13

	Name	CloudID	IP/Port	Protocol	Group
☐	192.168.1.213	Not Available	192.168.1.213:80	Onvif	Default Group
☐	192.168.1.214	192.168.1.214:80	192.168.1.214:80	XM	Default Group
☐	192.168.1.215	Not Available	192.168.1.215:80	Onvif	Default Group
☐	192.168.1.216	192.168.1.216:80	192.168.1.216:80	XM	Default Group
☐	192.168.1.217	Not Available	192.168.1.217:80	Onvif	Default Group
☐	192.168.1.218	192.168.1.218:80	192.168.1.218:80	XM	Default Group
☐	192.168.1.219	192.168.1.219:80	192.168.1.219:80	XM	Default Group
☐	192.168.1.220	192.168.1.220:80	192.168.1.220:80	XM	Default Group
☐	192.168.1.221	192.168.1.221:80	192.168.1.221:80	XM	Default Group
☐	192.168.1.222	192.168.1.222:80	192.168.1.222:80	XM	Default Group
☐	192.168.1.223	192.168.1.223:80	192.168.1.223:80	XM	Default Group
☐	192.168.1.224	192.168.1.224:80	192.168.1.224:80	XM	Default Group
☐	192.168.1.225	192.168.1.225:80	192.168.1.225:80	XM	Default Group
☐	192.168.1.226	192.168.1.226:80	192.168.1.226:80	XM	Default Group
☐	192.168.1.227	192.168.1.227:80	192.168.1.227:80	XM	Default Group
☐	192.168.1.228	192.168.1.228:80	192.168.1.228:80	XM	Default Group
☐	192.168.1.229	192.168.1.229:80	192.168.1.229:80	XM	Default Group
☐	192.168.1.230	192.168.1.230:80	192.168.1.230:80	XM	Default Group

IPV4 Search

IPV6 Search

Add

Cloud Add

All Devices: 3 Online: 2

	Name	CloudID	IP/Port	Protocol	Group
☒	192.168.1.231	192.168.1.231:80	192.168.1.231:80	XM	Default Group
☐	192.168.1.232	192.168.1.232:80	192.168.1.232:80	XM	Default Group
☐	192.168.1.233	192.168.1.233:80	192.168.1.233:80	XM	Default Group

Modify device IP

IP Address192.168.1.231

NetMask255.255.255.0

DefaultGateWay192.168.1.1

Auto GetAddress

Nameadmin

Password

Modify

Cancel

	Connect	Pswd Status	Record Status	Connections	Operation
☐	Invalid Password			0	
☐	Connected			0	
☐	Connected			0	

☐ In order to login device, modify ip automatically

Manual Add

Add Group

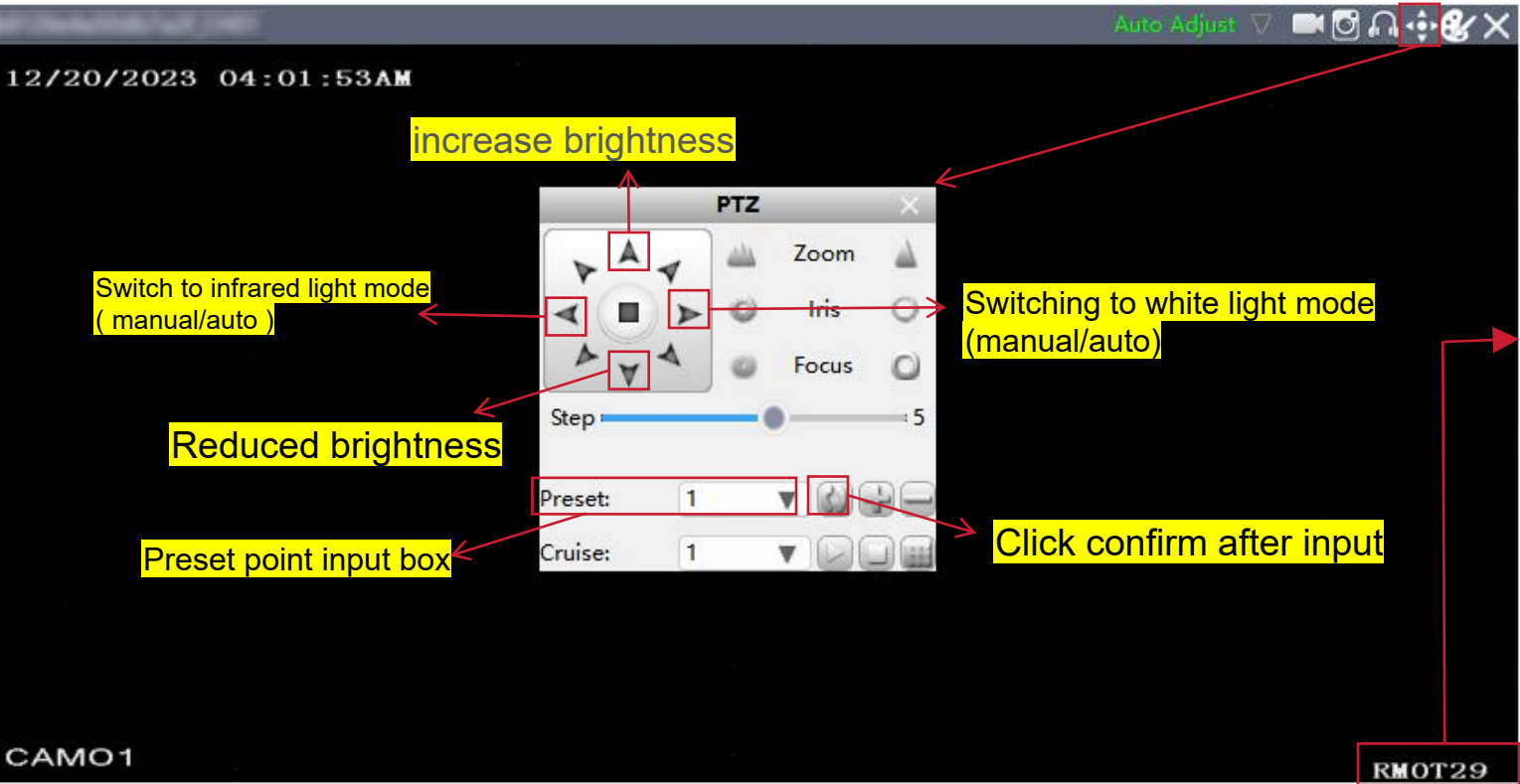
Remove

BackUp

Import

Retrieve Psw

6.Camera Lighting Control Guide



Lighting control is via this PTZ control panel.

- Direction right: set the white light control method
- Direction left: set the infrared light control mode
- Direction Up: Set the light intensity to increase
- Direction Downward: Set the light intensity to decrease

Lighting status judgment

Taking pictures as an example. This character represents the current light state as:

The manual mode of the infrared light has a brightness of 0%.
The temperature of the camera is 29 degrees Celsius.

Character Definition

- R:** Infrared light **W:** White light **M:** Manual mode **A:** Automatic mode
- 0:** Light zero degree level (1-10)
- T29:** Camera temperature 29 degrees Celsius

Q&A

Q: How to turn on the automatic mode of white light?

A: As shown in the above figure, the arrow to the right switches to the white light. Just click the arrow to the right and observe if the character in the bottom right corner changes to W (white light). The white light is divided into automatic mode and manual mode. If you click once to go to the manual mode (M) of the white light, clicking the arrow to the right again will switch to automatic mode(A).

Q:How to turn off lights?

A:The lights need to be adjusted to manual mode in order to be turned off. Switch to manual mode of any mode. Click the down arrow again to adjust the brightness to 0. If you want to maintain this setting even after the camera is powered off and restarted. Then it needs to be saved(Preset point input 250 save)

Preset point commands applicable to this camera:

1.1

White light and infrared light settings Preset 150: Light Enhancement

Preset 151: Lights down

Preset 152: White Light/Auto/70%

Preset 153: white light/manual/OFF

Preset 154: IR/Auto/70%

Preset 155: IR light/manual/OFF

1.2

Preset 233: Turn character overlay on/off(Cancel character display)

1.3

Save and restore camera light settings

Preset 250: Save lighting settings

Preset 251: Restore the default state of lighting settings

7.How to remotely access the camera

The prerequisite is that the camera needs to be connected to the router

(1). VMS remote access camera

VMS

Home

Device Manager

Online Devices: 15

	Name	CloudID	IP/Port	Protocol	Group
☐	192.168.1.199	Not Available	192.168.1.199:8081	Onvif	Default Group
☐	192.168.1.213	Not Available	192.168.1.213:80	Onvif	Default Group
☐	192.168.1.214	8d736d7e475a4d79	192.168.1.214:8087	XM	Default Group
☐	192.168.1.215	Not Available	192.168.1.215:80	Onvif	Default Group
☐	192.168.1.219	1987013bda7ab4d9	192.168.1.219:8087	XM	Default Group
☐	192.168.1.220	Not Available	192.168.1.220:8081	Onvif	Default Group
☐	192.168.1.224	108885a2717c0c	192.168.1.224:8087	XM	Default Group
☐	192.168.1.225	8ba19c3a4b8c	192.168.1.225:8087	XM	Default Group
☐	192.168.1.226	c1987126a7c2c	192.168.1.226:8087	XM	Default Group
☐	192.168.1.227	259a1798a91a	192.168.1.227:8087	XM	Default Group
☐	192.168.1.228	5a795a7179	192.168.1.228:8087	XM	Default Group
☐	192.168.1.234	Not Available	192.168.1.234:8087	Onvif	Default Group
☐	192.168.1.235	2c714b4b4d	192.168.1.235:8087	XM	Default Group

IPv4 Search

IPv6 Search

Add

Cloud Add

All Devices: 3 Online: 2

	Name	CloudID	IP/Port
☐	192.168.1.224	108885a2717c0c	192.168.1.224:8087
☐	0b98418795a21679	5a795a7179	192.168.1.228:8087
☐	b81264e755b7a2f	8d736d7e475a4d79	192.168.1.214:8087

☐ In order to login device, modify ip automatically

Manual Add

Add Group

Remove

BackUp

Import

Add Device

Device Name:

Group:

Default Group

Login Type:

CloudID

CloudID:

UserName:

admin

Password:

Protocol:

XM

Save And Continue

OK

Cancel

Enter the device name (customizable)

Enter Cloud ID

Enter enter your password

Cloud IDs are viewed here

Group	Device	Device Status	Device Status	Connections	Operation
fault Group	Invalid Password			0	
fault Group	Connected			0	
fault Group	Connected			0	

Let's say your webcam is at home when your laptop is connected online. But you're on a business trip or traveling with your laptop and you want to turn it on to see how your koi is doing.

When you turn on your laptop, you will find that the camera that was connected online is no longer online. Then you can use the add method on the left side. You need to know the **cloud ID**, **IP address** and **password** of the camera in advance. Please note that you need to check if you have entered it incorrectly.

Note: Whether or not you can access remotely needs to be checked first to see if the cloud status is successfully connected.

VMS

Home

1

OPERATION

Live View

Device Manager

Playback

Record Settings

Log

Alarm Info

SETTINGS

Device Config

Alarm Config

Tour Config

User Manager

System Config

VMS

Home

Device Config

3

Default Group

192.168.1.221

192.168.1.222

192.168.1.223

192.168.1.224

192.168.1.225

192.168.1.226

192.168.1.227

192.168.1.228

192.168.1.229

192.168.1.230

192.168.1.231

192.168.1.232

192.168.1.233

192.168.254.3

ee54818c7ce23336

0b98428783c21676

192.168.1.65

404a688346966821

Version

V5.00.R02.000669HC.10010.140900.0020000

Cloud ID

4e35ac0b470a890d

Build Time

2022-09-13 15:27:43

Run Status

11198

Record Channels

1

Alarm In Channels

0

Alarm Out Channels

0

Extra Channels

0

Nat Status

Connected

Nat Status Code

2:124.71.5.112/1/0/+011

Check to see if it shows as connected

VMS

Home

Device Config

2

Filter

Default Group

192.168.1.221

192.168.1.222

192.168.1.223

192.168.1.224

192.168.1.225

192.168.1.226

192.168.1.227

192.168.1.228

192.168.1.229

192.168.1.230

192.168.1.231

192.168.1.232

192.168.1.233

192.168.254.3

ee54818c7ce23336

0b98428783c21676

192.168.1.65

404a688346966821

General Config

System Config

Network

Encode Config

Camera Param

Overlay

PTZ Config

UART Config

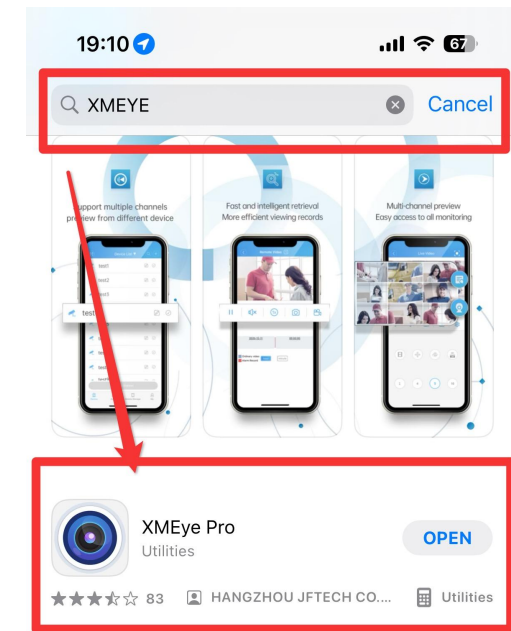
Version Info

Alarm Config

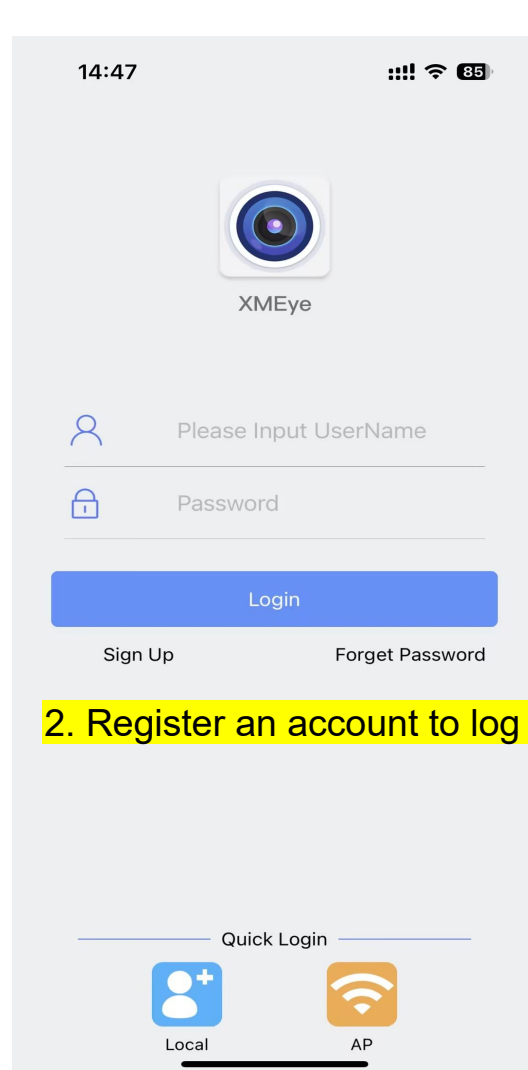
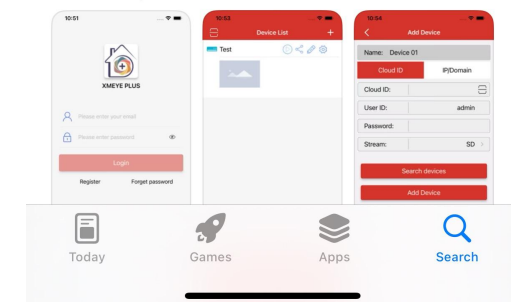
(2). How to access the camera from a cell phone

Note: When the camera is connected directly to a computer using an Ethernet cable, the phone cannot access the camera.

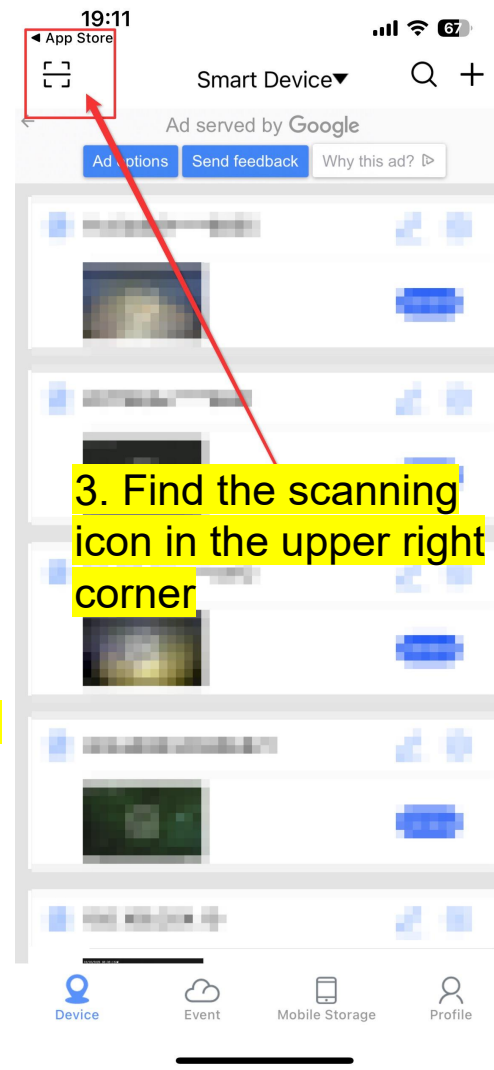
So, **the camera needs to be connected to a router.** Only then both computer and cell phone can access the camera.



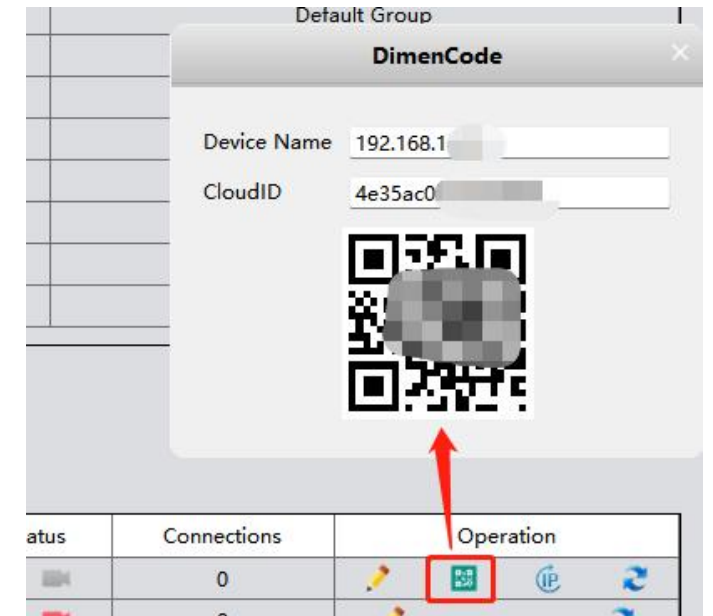
1. Search for XMEYE in the mobile app store



2. Register an account to log in



3. Find the scanning icon in the upper right corner



4. Find the Cloud ID QR Code in the VMS
Scan the connection with XMEYE

