

1



Solution

# Specification

Model NO.		S 9109	
Image Sensor		1/2.9" SONY Low Illumination CMOS Sensor IMX326	
Resolution		4MP	
DSP		Hi3516D	
Lens		5mp Board Lens 1.05mm	
POE		Internal POE, Support IEEE 802.3af	
Main Strem Resolution		2048*2048@15fps	
SD Card Slot		support 64G Micro SD	
Audio		2-way audio(suport bulit in Mic and built in speaker)	
Wi-Fi		3dbi Antena,IEEE802.11b/g/n	



2



Image

29/03/1970 SUN 21:56:19



鱼眼IPC F300, S600, S1200输出的图像为180度视角的圆形图像，  
图像纠正还有VR功能需要在客户端软件VMS, 手机app上，  
或者是后端NVR上才能实现 The output image will be 180 degree .  
VR function will be worked in Client VMS, app and NVR.

3



Main Function

# Recording

## 1) SD Card administration, Format

The screenshot displays the 'Configuration' tab of an IP camera interface. The left sidebar contains a menu with 'System' and 'SDCard' highlighted. The main area shows a table of SD cards with one card selected. A 'Format' button is visible at the bottom right.

**Configuration Tab**

**SDCard** Rec Setup

NO.	Status	Total Capacity	Residual Capacity	Device Type
<input checked="" type="checkbox"/> 1	Using	15988 MB	2059MB	SDCard

**Format**

Red annotations in the image indicate the following steps:

1. Click on the **Configuration** tab.
2. Click on **System** in the left sidebar.
3. Click on **SDCard** in the left sidebar.
4. Click on the checkbox for the selected SD card (NO. 1).
5. Click on the **Format** button.



## 2) Recording setting

The screenshot displays the 'Configuration' tab of an IP camera interface. The left sidebar contains a menu with 'System' and 'Security' highlighted. The main area shows the 'SDCard' recording setup. The 'Enable Record' checkbox is checked. The 'Record Mode' is set to 'Overwrite'. The 'Week' is set to 'Mon'. The 'All Day' checkbox is checked. There are four schedule slots, each with a checkbox and a time range. The 'Save' button is at the bottom.

Tab	Menu Item	Setting
Configuration	System	System Configuration
Configuration	Security	SDCard
Configuration	Rec Setup	Enable Record
Configuration	Rec Setup	Record Mode: Overwrite
Configuration	Rec Setup	Week: Mon
Configuration	Rec Setup	All Day
Configuration	Rec Setup	Schedule1: 00 : 00 00 : 00
Configuration	Rec Setup	Schedule2: 00 : 00 00 : 00
Configuration	Rec Setup	Schedule3: 00 : 00 00 : 00
Configuration	Rec Setup	Schedule4: 00 : 00 00 : 00
Configuration	Rec Setup	Save



3) Playing back

IPcamera

Live View

Playback

Configuration

Status

admin

Help

Logout

Aug 2016

Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

Start Time

00

00

00

Stop Time

23

59

59

File Type

Normal Record

Q

5

14:04:27

4

09:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

Normal Record

Alarm Record

4)screen shot ting and Playback

IPcamera

Live View

Playback

Configuration

admin

Status

http://172.18.190.163:8863/playback/download.html

PlaybackDownload file

<input type="checkbox"/>	NO.	File Name	Start Time	Stop Time	File Size	Progress
<input type="checkbox"/>	1	2016-08-05-05-51-03.avi	2016-08-05 05:51:03	2016-08-05 05:52:05	0.783 MB	
<input type="checkbox"/>	2	2016-08-05-05-52-05.avi	2016-08-05 05:52:05	2016-08-05 05:53:08	0.647 MB	
<input type="checkbox"/>	3	2016-08-05-05-53-08.avi	2016-08-05 05:53:08	2016-08-05 05:54:10	0.500 MB	
<input checked="" type="checkbox"/>	4	2016-08-05-05-54-10.avi	2016-08-05 05:54:10	2016-08-05 05:55:12	0.546 MB	
<input type="checkbox"/>	5	2016-08-05-05-55-12.avi	2016-08-05 05:55:12	2016-08-05 05:56:14	0.562 MB	
<input type="checkbox"/>	6	2016-08-05-05-56-14.avi	2016-08-05 05:56:14	2016-08-05 05:57:16	0.505 MB	
<input type="checkbox"/>	7	2016-08-05-05-58-09.avi	2016-08-05 05:58:09	2016-08-05 05:59:13	1.464 MB	
<input type="checkbox"/>	8	2016-08-05-05-59-13.avi	2016-08-05 05:59:13	2016-08-05 06:00:16	1.531 MB	
<input type="checkbox"/>	9	2016-08-05-06-00-16.avi	2016-08-05 06:00:16	2016-08-05 06:00:51	1.097 MB	
<input type="checkbox"/>	10	2016-08-05-14-03-23.avi	2016-08-05 14:03:23	2016-08-05 14:04:26	1.788 MB	
<input type="checkbox"/>	11	2016-08-05-14-04-26.avi	2016-08-05 14:04:26	2016-08-05 14:05:28	1.513 MB	
<input type="checkbox"/>	12	2016-08-05-14-05-28.avi	2016-08-05 14:05:28	2016-08-05 14:06:30	1.441 MB	
<input type="checkbox"/>	13	2016-08-05-14-06-30.avi	2016-08-05 14:06:30	2016-08-05 14:07:33	1.791 MB	
<input type="checkbox"/>	14	2016-08-05-14-07-33.avi	2016-08-05 14:07:33	2016-08-05 14:08:36	1.670 MB	
<input type="checkbox"/>	15	2016-08-05-14-08-36.avi	2016-08-05 14:08:36	2016-08-05 14:09:40	1.759 MB	
<input type="checkbox"/>	16	2016-08-05-14-09-40.avi	2016-08-05 14:09:40	2016-08-05 14:10:43	1.651 MB	
<input type="checkbox"/>	17	2016-08-05-14-10-43.avi	2016-08-05 14:10:43	2016-08-05 14:11:45	1.644 MB	
<input type="checkbox"/>	18	2016-08-05-14-11-45.avi	2016-08-05 14:11:45	2016-08-05 14:12:50	1.487 MB	
<input type="checkbox"/>	19	2016-08-05-14-12-50.avi	2016-08-05 14:12:50	2016-08-05 14:13:52	1.439 MB	
<input type="checkbox"/>	20	2016-08-05-14-13-52.avi	2016-08-05 14:13:52	2016-08-05 14:14:55	1.581 MB	

Download

Total 24 itemsFirst PagePrev Page1/2Next PageLast Page

11

44

39

2016-08-05 14:04:27

09:0010:0011:0012:0013:0014:0015:0016:0017:0018:0019:0020:00

Normal RecordAlarm Record

2.backup

1.snapshot

# Motion Director

IP Camera

Local Configuration

System

Network

Video

Image

Events

Events

Live View

Playback

Configuration

Motion Detection

Privacy Mask

Video Tampering

Alarm Input

Exception

Enable

Area Settings

Arming Schedule

Linkage Method

06/06/2017 00:00:12

Select All

Clear All

Sensitivity

6

Save

Motion Detection

Privacy Mask

Video Tampering

Alarm Input

Exception

Enable

Area Settings

Arming Schedule

Linkage Method

Delete

Del All

Select All

Mon	0	2	4	6	8	10	12	14	16	18	20	22	24
Tue	0	2	4	6	8	10	12	14	16	18	20	22	24
Wed	0	2	4	6	8	10	12	14	16	18	20	22	24
Thu	0	2	4	6	8	10	12	14	16	18	20	22	24
Fri	0	2	4	6	8	10	12	14	16	18	20	22	24
Sat	0	2	4	6	8	10	12	14	16	18	20	22	24
Sun	0	2	4	6	8	10	12	14	16	18	20	22	24

Save

Motion Detection

Privacy Mask

Video Tampering

Enable

Area Settings

Arming Schedule

Linkage Method

General Linkage

Upload Via SMTP

Upload Via FTP

Upload Via Cloud

Record Via SDCard

Save

select the linkage function as the user need



# Privacy Mask

IP Camera

Local Configuration

System

Network

Video

Image

Events

Events

Live View

Playback

Configuration

Motion Detection

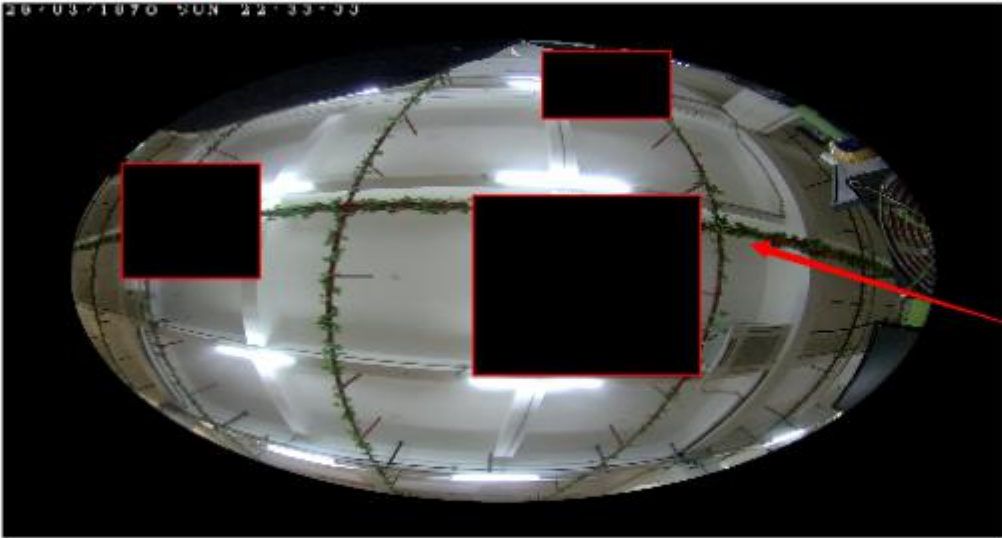
Privacy Mask

Video Tampering

Alarm Input

Exception

26-03-1878 SUN 22:33:33



5

Save

Region1	X	1102	Y	181	W	267	H	264	Delete
Region2	X	242	Y	612	W	287	H	446	Delete
Region3	X	961	Y	733	W	468	H	695	Delete

4.select the areas as the user need

# Privacy Mask and Alarming

IP Camera

Local Configuration

System

Network

Video

Image

Events

Events

Live View

Playback

Configuration

Motion Detection

Privacy Mask

Video Tampering

Alarm Input

Exception


3 ☒ Enable

4

Area Settings

Arming Schedule

Linkage Method



5. draw an area in the image

Stop Drawing

Clear All

Sensitivity

6

7

Save

☒ Enable

Area Settings

Arming Schedule

Linkage Method

Delete

Del All

Select All

Mon	0	2	4	6	8	10	12	14	16	18	20	22	24
Tue	0	2	4	6	8	10	12	14	16	18	20	22	24
Wed	0	2	4	6	8	10	12	14	16	18	20	22	24
Thu	0	2	4	6	8	10	12	14	16	18	20	22	24
Fri	0	2	4	6	8	10	12	14	16	18	20	22	24
Sat	0	2	4	6	8	10	12	14	16	18	20	22	24
Sun	0	2	4	6	8	10	12	14	16	18	20	22	24

Save

Motion Detection

Privacy Mask

Video Tampering

Alarm

☒ Enable

Area Settings

Arming Schedule

Linkage Method

☒ General Linkage

☒ Upload Via SMTP

☒ Upload Via FTP

select the linkage function as the user need

Save

# Alarm Input

IP Camera

Local Configuration

System

Network

Video

Image

Events

Events

Live View

Playback

Configuration

Motion Detection

Privacy Mask

Video Tampering

Alarm Input

Exception

Arming Schedule

Linkage Method

Delete

Del All

Select All

Mon	0	2	4	6	8	10	12	14	16	18	20	22	24
Tue	0	2	4	6	8	10	12	14	16	18	20	22	24
Wed	0	2	4	6	8	10	12	14	16	18	20	22	24
Thu	0	2	4	6	8	10	12	14	16	18	20	22	24
Fri	0	2	4	6	8	10	12	14	16	18	20	22	24
Sat	0	2	4	6	8	10	12	14	16	18	20	22	24
Sun	0	2	4	6	8	10	12	14	16	18	20	22	24

Save

Motion Detection

Privacy Mask

Video Tampering

Alarm Input

Exception

Arming Schedule

Linkage Method

General Linkage

Upload Via SMTP

Upload Via FTP

Linkage Alarm Output

IO Output

select the linkage function as the user need

Save

Arming Schedule

Linkage Method

Delete

Del All

Select All

Mon	0	2	4	6	8	10	12	14	16	18	20	22	24
Tue	0	2	4	6	8	10	12	14	16	18	20	22	24
Wed	0	2	4	6	8	10	12	14	16	18	20	22	24
Thu	0	2	4	6	8	10	12	14	16	18	20	22	24
Fri	0	2	4	6	8	10	12	14	16	18	20	22	24
Sat	0	2	4	6	8	10	12	14	16	18	20	22	24
Sun	0	2	4	6	8	10	12	14	16	18	20	22	24

Arming Schedule

Linkage Method

General Linkage

Upload Via SMTP

Upload Via FTP

Linkage Alarm Output

IO Output

select the linkage function as the user need

3



VR Function



# VMS VR

## 1) Adding Device in vms manage

The screenshot displays the 'Add Hardware' wizard in the Video Manager System. The wizard consists of several steps, with the first three visible in the main window:

- Getting Started:** The first step, showing the 'Add Hardware' button.
- Add Hardware:** The second step, where the user can choose to 'Scan for hardware' or 'Manually specify the hardware to add'.
- How do you want to add new hardware?:** The third step, where the user can choose to 'Scan for hardware' or 'Manually specify the hardware to add'.

The 'Add Hardware' dialog box is open, showing the 'Type IP addresses' section. The user has entered the following information:

Device Address	Port	User Name	Password	Channels	Driver
192.168.1.173	80	admin	*****	1	Auto-detect
	80			1	

The 'Driver' dropdown menu is open, showing the following options: Auto-detect, onvif IPC, Herospeed IPC, Herospeed DVR, Herospeed NVR, Herospeed HVR, and Herospeed Fisheye. The 'Herospeed Fisheye' option is selected.

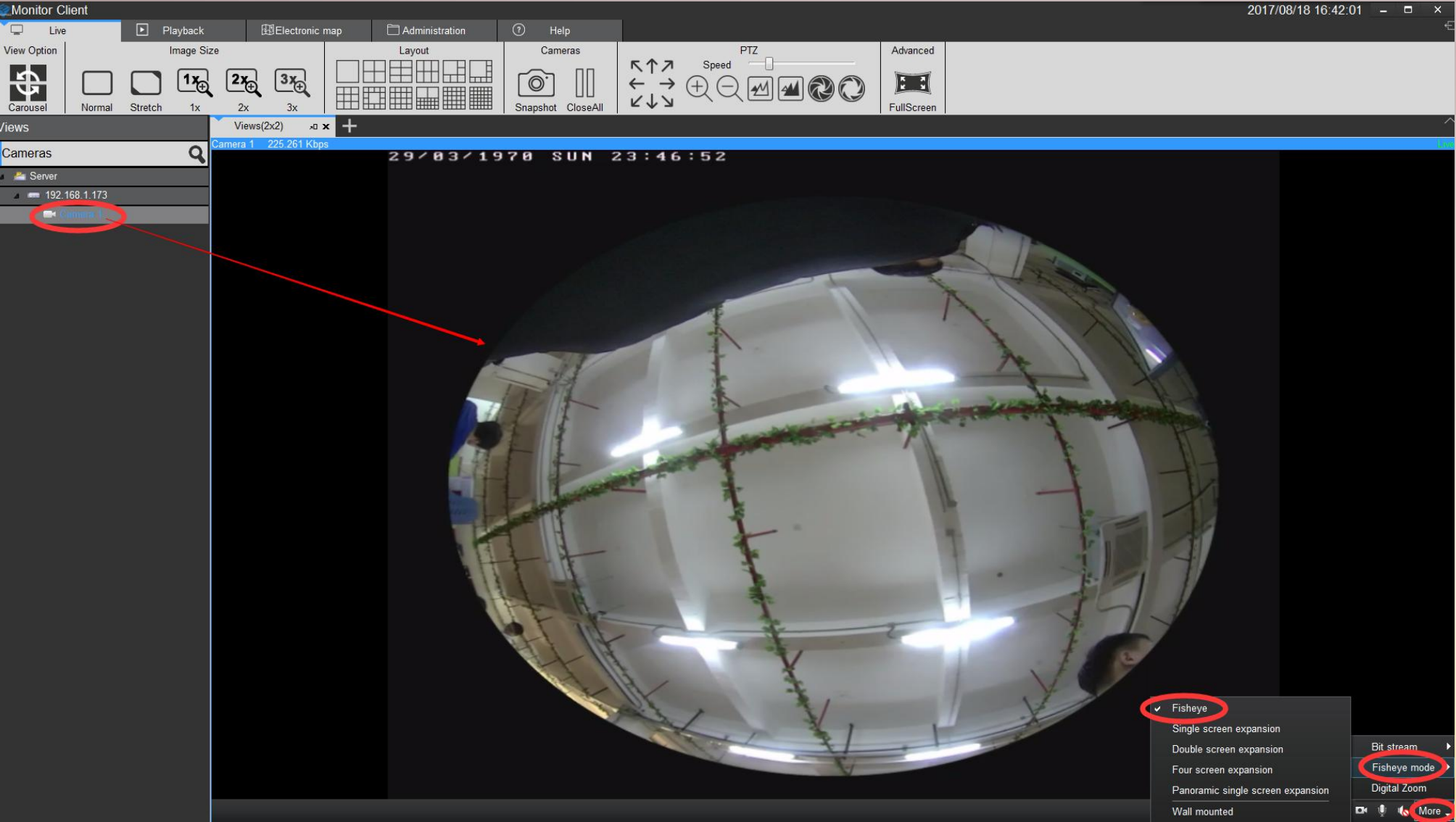
The 'Add P2P Devices' section is also visible, showing a table with columns: Serial number, User name, Password, Channels, and Driver. The 'Driver' dropdown menu is set to 'P2P IPC'.

The 'Next' button is highlighted, indicating the user is ready to proceed to the next step.

The 'Verify process completed' dialog box is shown, indicating that the hardware has been successfully added. The status of the device is 'Connected'.

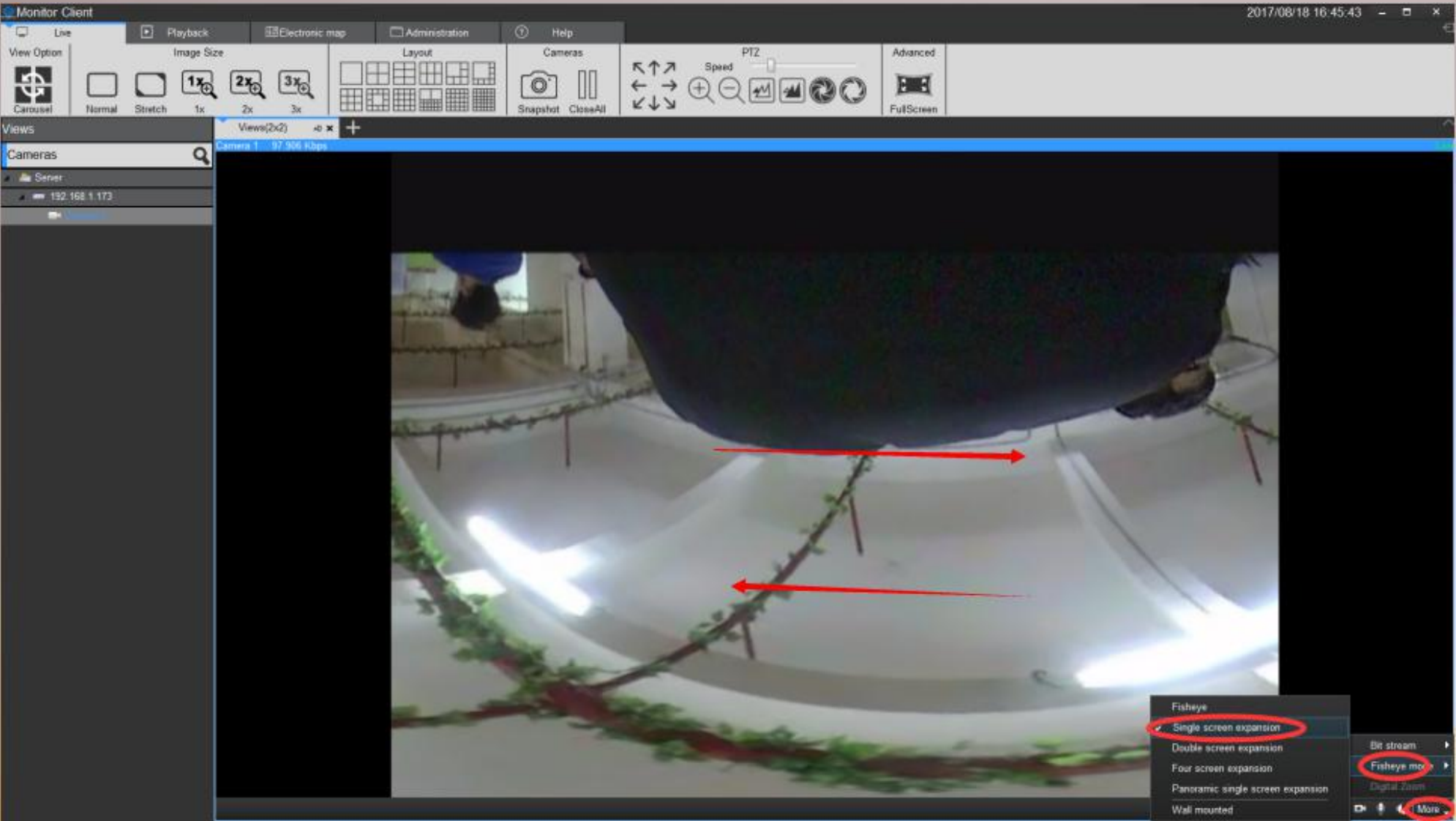
The 'Next' button is highlighted, indicating the user is ready to proceed to the next step.

# Preview by vms client



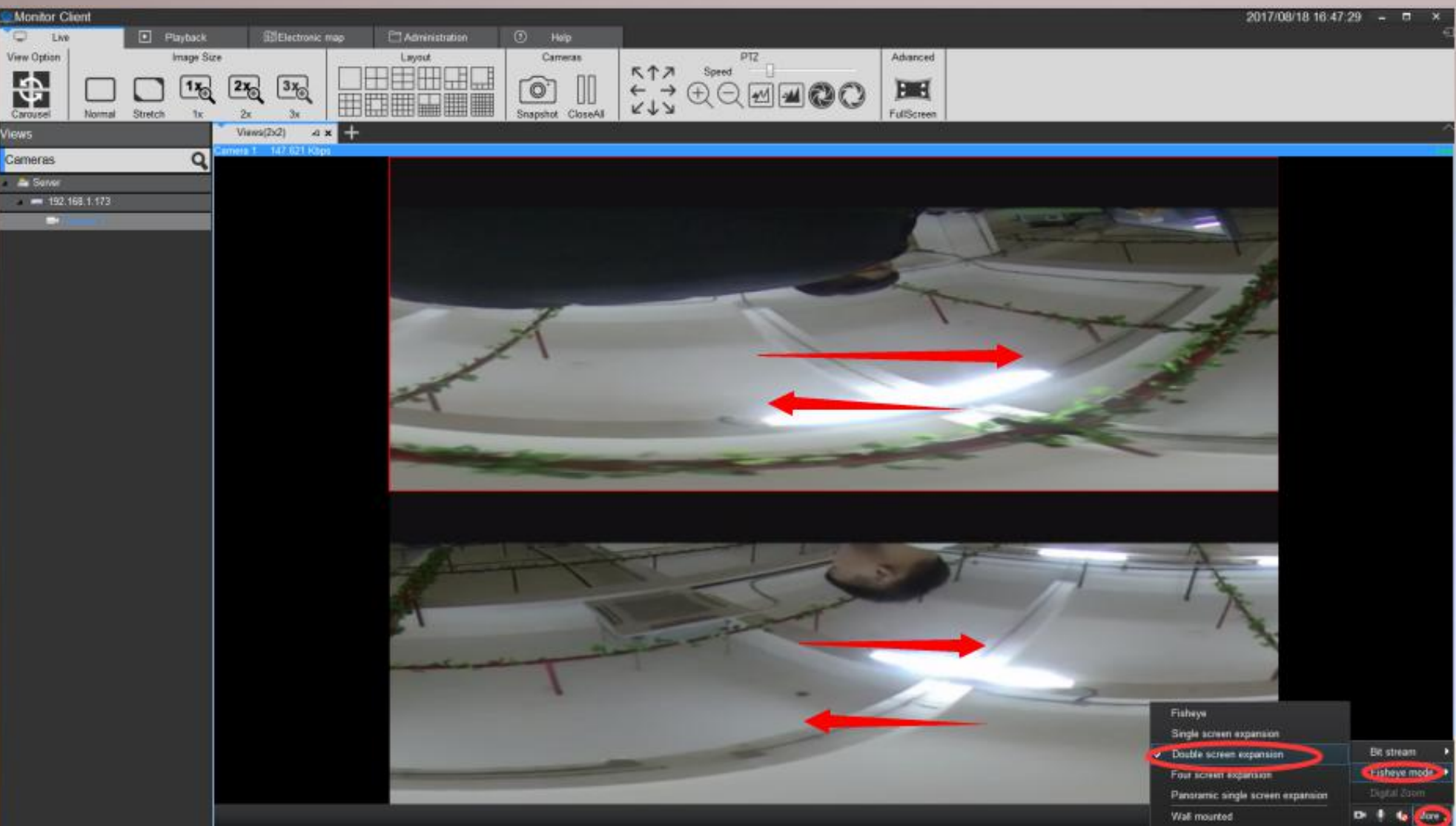
把ipc设备使用鼠标拖动到预览窗口就可以打开预览图像，默认打开的是鱼眼模式  
Making the setting as the picture shown , it shows fisheye model

# Preview by vms client



切换鱼眼模式为单串口扩展模式  
使用鼠标在图形窗口中滑动  
可以移动图像的监控位置 Setting  
as the attached picture,  
controlled by mouse, the image  
Can be moved.

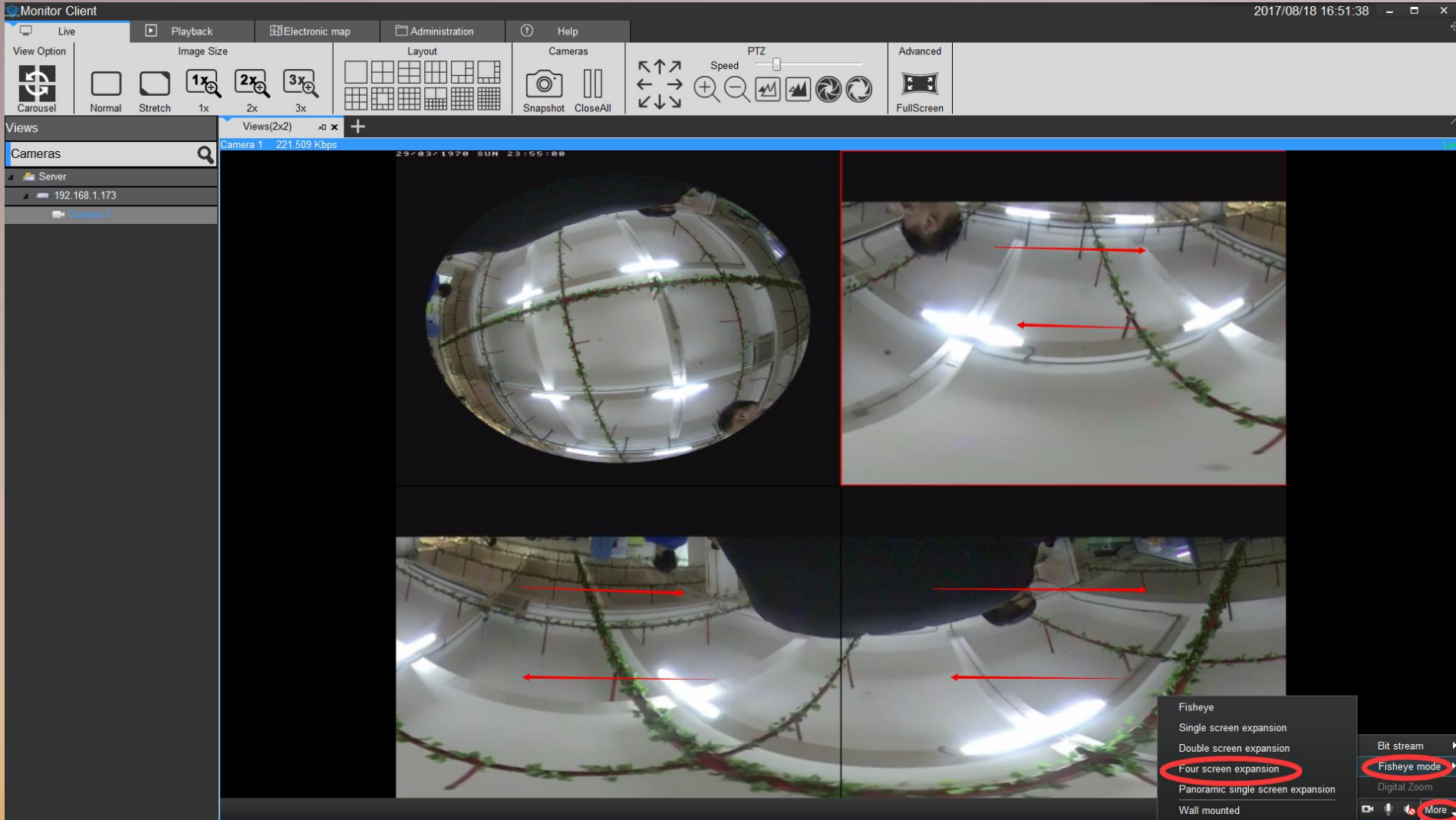
# Preview by vms client



切换鱼眼模式为双窗口扩展模式  
使用鼠标在图形窗口中滑动  
可以移动图像的监控位置 Setting  
double screen expansion,  
controlled  
by mouse, the image can be  
moved.



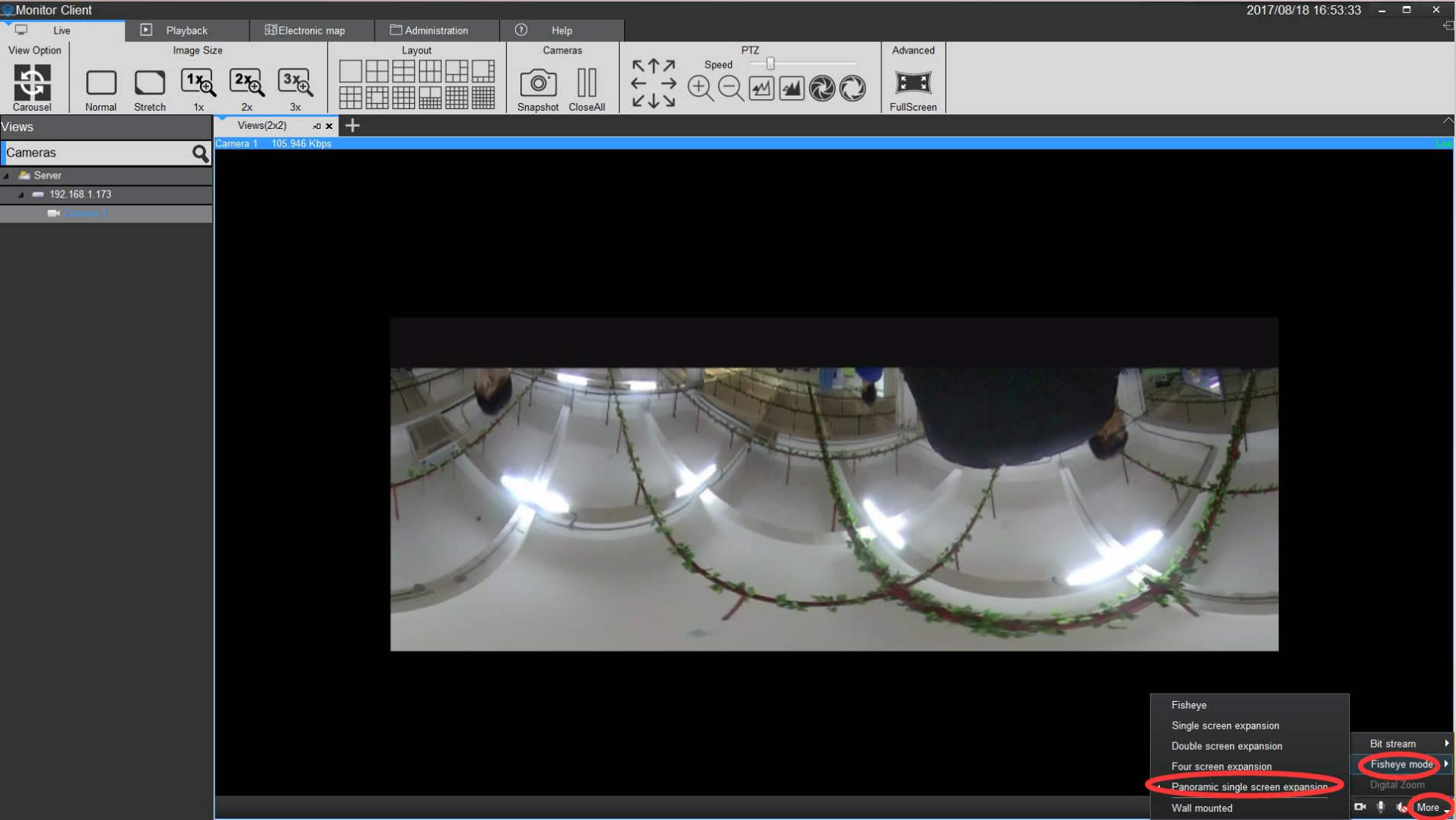
# Preview by vms client



切换鱼眼模式为四窗口扩展模式  
使用鼠标在图形窗口中滑动  
可以移动图像的监控位置 Setting  
four screen expansion,  
controlled  
by mouse, the image can be  
moved.

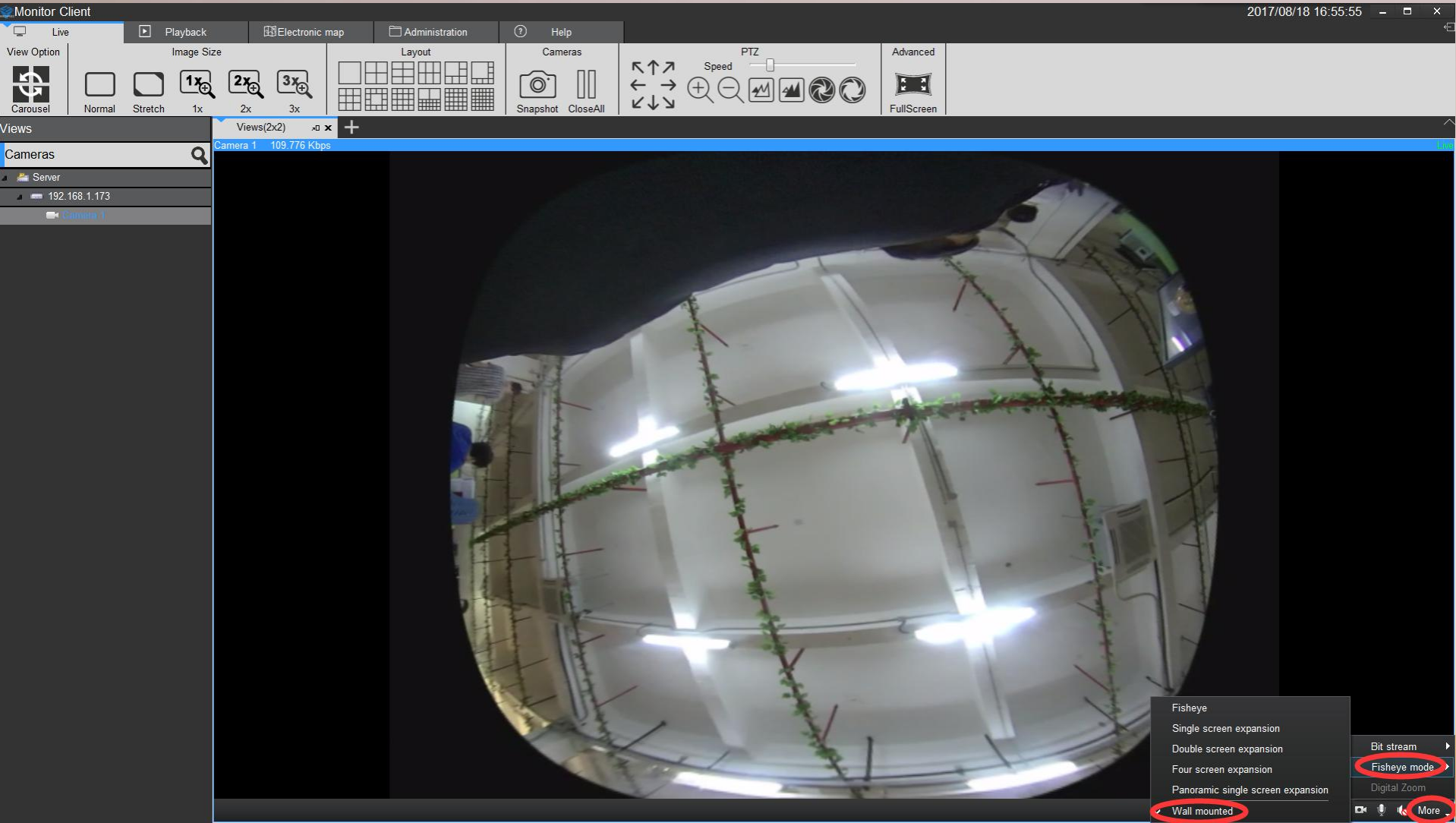
# Preview by vms client

## Panoramic single screen expansion Setting



# 在vms client预览图像

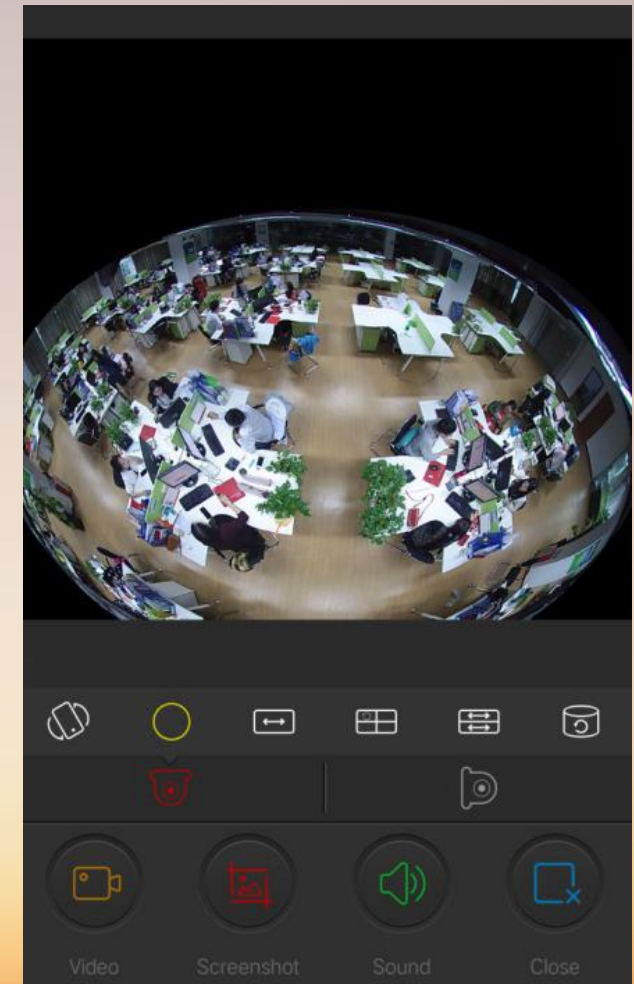
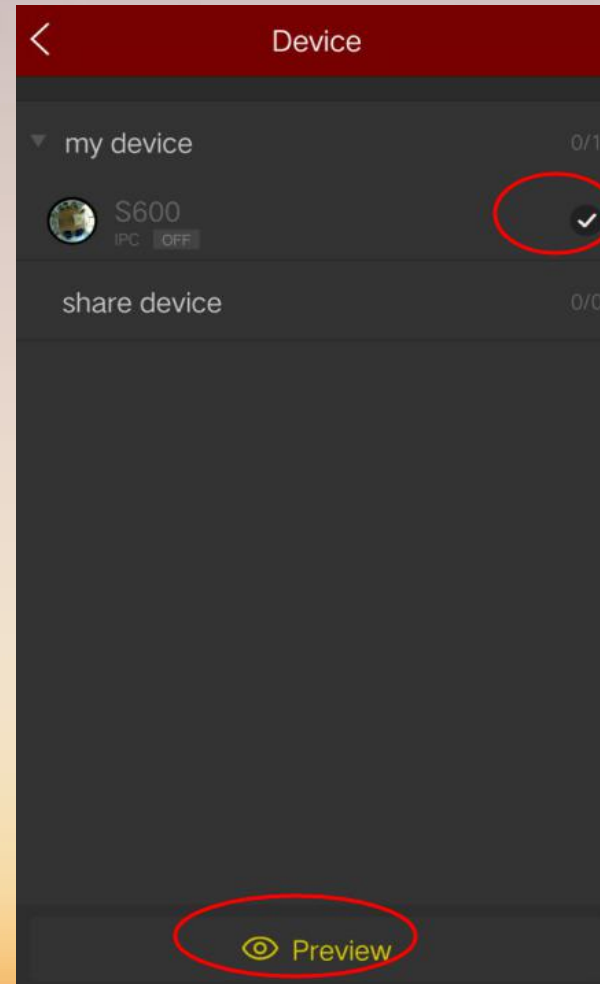
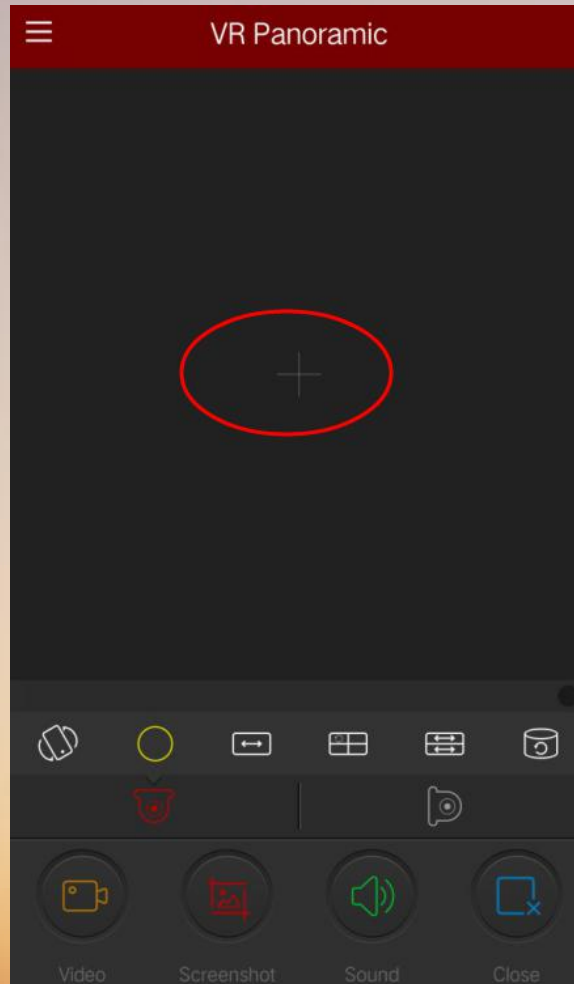
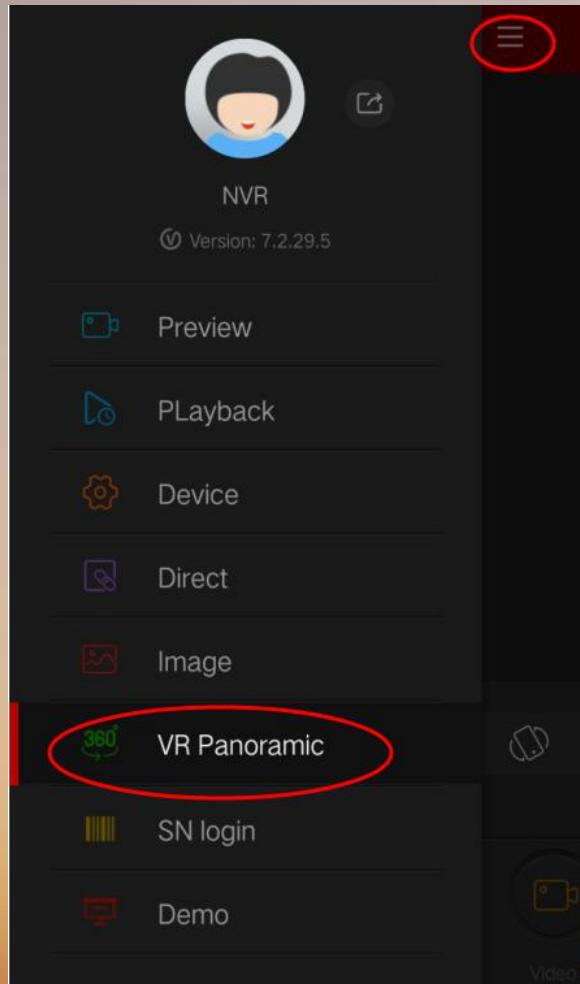
## Wall Mounted





# Freeip VR

Resign freeip account and logo in, access VR Panoramic, adding device, you can do VR preview



# Freeip Fisheye IP Camera VR Model

