Version 1.0.0.1

HD Pan Tilt IP Camera





NIP-09L2J

NIP-16L2J



NIP-21L2J



NIP-22L2J

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Network Camera Installation Manual

Tips: If necessary, reset the camera; please find the "RESET" button at the bottom of the device or in the tail of device , hold 10 seconds to reset while it is power connected!

1. Hardware installation

1.1 Hardware connection

Connect the power supply and network cable, Check if the power indicator (green) and the network indicator (yellow) is working properly. If it is ok, then Pan and tilt will rotating automatically \circ



Note: picture is for reference only, To prevail in kind !

Power indicator: indicator is on while power on. I/O port: connect with PIR /alarm etc.

Network indicator: Flashes when transferring data

Power supply: 5V

RJ45: connect with router

SD slot:for TF/SD card

WIFI antenna: Receiving a wireless signal

Audio output: connect with speaker.

1.2 Network connection



1.3 WPS setting



1. Press the Router WPS button at 0 second, the Router will set a time range (the red area), press the IPCAM WPS button during the time range then the WPS is workable;

2. Press the IPCAM WPS during the red time range, such as start at t1 and end at t1+2(the blue area);

3. If press the IPCAM WPS more than 10 seconds, the camera will be reset, such as press at t1 more than

t1+10, it is reset function not WPS function.

2. iPad, iPhone App introduction

2.1 App download:

Search for key word "coolcamhbp", and then choose "



2.2 One key setup WiFi

Make sure your mobile with WiFi connected, open APP main interface, click "Add Device" --- select" one-key setup WIFI", Enter the WiFi password --- click "one-key setup WIFI " (if failed, pleasetry again)



NOTE: if devices connected to the network cable directly, please skip this step

2.3 Add camera

There are 3 ways to add cameras: "search	n in LAN", "scan QR code" and "Remotely Add"
Way 1: in LAN network, click Add Device	to auto search and add cameras in LAN network.
iPad 후 下午2:41 🕒 20% 💽	iPad 🗢 下午2:41 🔍 20% 🕞
Camera List Done	Add Camera 🔿
Q	Add QRCode
	Camera Found! (3)
	VTX1WY4UDVFBM43WA5CJ 192.168.1.216
	TNN1YE4U89ZVR53WE5E1 192.168.1.199
	VNTHYE5A4DFBP5LWE5W1 192.168.1.209
Device Event Add Device Info	Device Event Add Device Info
iPad 🗟 下午2:42 💪 20% 🗔	iPad 🗢 下午2:42 🕒 20% 🕞
Cancel Add Camera Save	Camera List Edit
Name Camera	Comero
OID VNTHYE5A4DFBP5L	VIIIIESA40F0F3LWE3W1
Password •••••	
1 2 3 4 5 6 7 8 9 0	
- / : ; () \$ & @ "	
#+= . , ? ! ' 🗙	
ABC space return	Device Event Add Device Info



click "Add" in In "Add Camera". Input camera's UID and password to login the camera.



Way 3:

There is a QR Code at the bottom of camera, click on "QR Code" to scan it, then you can add camera.



3. Delete Camera



4. Parameter setting

4.1 Security code setting

In camera list, click on \bigcirc to enter edit interface, click on "Advanced setting" to modify the security password.

iPad 🗢	下午2:42	C 20% 🔲	iPad ᅙ	下午2:44	C 19% 🕞
	Camera List	Edit	Back	Edit Camera	
	Q		i i	VNTHYE5A4DFBI	P5LWE5W1
	Camera Online Disarming	\odot	8-4		
	VNTHYE5A4DFBP5LW	E5W1	Name	Camera	
			Password	d ••••	
			Advanced	d Setting	>
			Alarm Set	tting	>
			Time Sett	ing	>
Device	Event Add Devic	e Info			

iPad 중 下午2:44 Back Advanced Setting	C 19%		^{iPad} 중 Cancel	下午2:45 Security Code	C 19%
Security Code		>	Old	Old Password	
			New	New Password	
WiFi	None	>	Confirm	Confirm Password	
SDCard		>			
About Device		>			

4.2 WIFI setting

Click on wifi network in "Advanced setting" to auto searching for camera's nearby wifi hotpot.

Back Advanced Setting		iPad 夺 下午2:45 € 19' Back WiFi Networks
Security Code	>	CHOOSE A NETWORK
		11111
WiFi	None >	JXDYS
		neodemo
SDCard	>	MERCURY_521
		9WIFI
About Device	>	9WIFI
		9WIFI
		NEOTEST



5.Alarm setting

5.1 Motion detection alarm setting

Motion detection setting: Turn on "Guard", choose the sensitivity, alarm SD card recording, push

notificatior	n, and remote savin	g pictures.
iPad 🗢	下午2:46	C 19% 📖
Back	Alarm Setting	
Guard		
Innut devic	05	
Motion D	etection	High >
Alarm Inp	out device	\bigcirc
Alarm Pre	eset	Off >
Output devi	ices	
Alarm Lin	ık	\bigcirc
Alarm SD	Record	

5.2 External alarm setting

External alarm setting: security on guard, input alarm devices, alarm link, alarm SD card record, push notifications and saving pictures.

Push notification: after turn on push notification function, alarm pictures will be saved on to FTP server when alarm triggered.



6. Check events

In "event", choose to check the push notifications, event lists, alarm snapshot pictures and videos in SD card. After exit back ground running, users can receive push notifications, he can click it to check the event and snapshot pictures.



Events		Camer		
	Back	Event L	.ist	Search
Camera >	INPUT A 2015年1月8	LARM Alarr 日下午2:47	n	>
	MOTION 2015年1月7	J DETECTIC 日 下午2:07	N ALARM	··· >
	MOTION 2015年1月7	JDETECTIO 日下午2:06	N ALARM	··· >
	MOTION 2015年1月7	JDETECTIC 日下午2:06	N ALARM	··· >
	MOTION 2015年1月7	J DETECTIC 日 下午2:05	N ALARM	··· >
	MOTION 2015年1月7	I DETECTIC 日 下午2:05	N ALARM	··· >
	MOTION 2015年1月7	J DETECTIO 日下午2:04	N ALARM	··· >
	MOTION	DETECTIO	N ALARM	、
Device Event Add Device Info	(Epom S	Server	From SD	Card

6.1 check alarm push notification pictures:

	Camera	
Back	Event List	Search
INPUT AL 2015年1月8日	ARM Alarm 下午2:47	>
MOTION I 2015年1月7日	DETECTION AI 下午2:07	_ARM >
MOTION I 2015年1月7日	DETECTION AI 下午2:06	_ARM >
MOTION I 2015年1月7日	DETECTION AI 下午2:06	_ARM >
MOTION I 2015年1月7日	DETECTION AL 下午2:05	_ARM >
MOTION I 2015年1月7日	DETECTION AL 下午2:05	_ARM >
MOTION I 2015年1月7日	DETECTION AI 下午2:04	_ARM >
MOTION I	DETECTION AL	ARM
(For Se	erver 492/503 Fro	m SDCard



Bearch

>

6.2 Check alarm video:

Camera			Came	ra
Back Event List	Search	Back	Event	List
INPUT ALARM Alarm 2015年1月8日 下午2:47	>	Alarm 2015年1月8日	Ⅰ下午2:47	
MOTION DETECTION ALAF 2015年1月7日下午2:07	RM >			
MOTION DETECTION ALAF 2015年1月7日下午2:06	RM >			
MOTION DETECTION ALAF 2015年1月7日下午2:06	RM >			
MOTION DETECTION ALAF 2015年1月7日下午2:05	RM >			
MOTION DETECTION ALAF 2015年1月7日下午2:05	RM >			
MOTION DETECTION ALAF 2015年1月7日下午2:04	RM >			
MOTION DETECTION ALAF	RM 🔪			
Generation Server 492/503 From S	SDCard	From Se	erver	From SD

SD Card Video online playback:

Playback

 Full-time recording
 1/20/15 9:50 AM

 1280x720 / FPS:2 / bps:796Kb
 Rcv:0 / 8





7. Introduction of Android App:

7.1 App download:

Way 1: copy the app installation file to your Android smart phone from the CD(which comes with the camera package)



Way 2: Search for it by keyword "ipcamerahbp" in Googleplay.

7.2 One key setup WiFi

Make sure your mobile with WiFi connected, open APP main interface, click "Add camera" --- select" onekey setup WIFI", Enter the WiFi password --- click "one-key setup WIFI " (if failed, pleasetry again)

Click here to add camera	please confirm whether connecte wifi!
	123456
	a
	After clicked [one-key setup],if you hear a sound of camera switching network within 40 seconds,you can click [Next],otherwise please click [one-key setup] again.

NOTE: if devices connected to the network cable directly, please skip this step

7.3 Add camera

There are 3 ways to add cameras: "search in LAN", "scan QR code" and "Remotely Add"

Way 1: in LAN network, click to auto search and add cameras in LAN network.

V 🐟 0	🖏 🎓 G 📶 📄 10:30	V	* * *	🛪 G 📶 🛛 11:18
	Cool CAM	Ad	dd Camera	
Click h	nere to add camera	Device Settin	g	
		UID:	Scan	Search
		Security Code:		
		Name: C	Camera	
		ОК		Cancel

 \bigcirc



Add camera by scan QR code, shown as bellow.



90	🖋 🕚 ጽ 🛪 G 📶 💈 11:29
	Add Camera
Device Set	ting
UID:	TNN1YE4U89ZVR53WE5E
	Scan Search
Security Code:	
Name:	Camera
ок	Cancel

Remotely add camera: click "Add" in "Add Camera". Input camera's UID and password to login the

camera.	shot	
	Add Camera	
Device Setti	ing	
UID:	Scan Search	
Security Code:		
Name:	Camera	
) (
ОК	Cancel	

It will ask you to modify the password when it is the first time login. Advise don't use factory



8. Parameter settings

Click on 💿 to choose camera, then you can modify user name, password, advanced setting and alarm setting.



8.1 Modify the password of the camera

S D	vance	ː 'ⓒ 察 🛪 G 채 💈 11:51 d Setting	ا 👻 🖉 🛠 🕲 🛠 الله 11:52 Advanced Setting
Security Setting			Security Setting
Мо	dify Seo	curity Code	Modify Security Code
Video Settii	ng		Modify Security Code
Video Quality:	Mediu	ım 🖉	New:
Video Flip:	Norm	al	Confirm:
Environment Mode:	Indoo	r(50hz)	OK Cancel
Wi-Fi Settir	ng		Wi-Fi Setting
SSID:	None Remote	device no response	SSID: None Remote device no response
ок		Cancel	OK Cancel

click the "Settings" in the modified device, get into the "Advanced Settings", and click Change Password.

8.2 WIFI Settings

In the Advanced Settings, click Manage WIFI network, select the appropriate WIFI and enter the password in the drop-down box, after setup and unplug the power to restart the network cable.

y 9 y	🖇 🕜 察 🛪 G 📶 💈 11:46	V	🖋 🕜 察 🛪 G 📶 💈 11:47
Advance	ed Setting	Ad	dvanced Setting
Video Setting		Video Sett	ing
Video Quality: Medi	um	Mana	age Wi-Fi networks
Video Flip: Norm	nal 🖌		-
Environment Indoo	or(50hz)	9WIFI	
Wi-Fi Setting SSID: None Remote	device no response	Signal streng Security: No Wireless pas	gth: 37 % ne ssword password.
Manage Wi	-Fi networks	OK	Cancel
Event Setting		Front Cotti	:
ок	Cancel	ок	Cancel

8.3Event Setting

In the event settings, you can adjustment ring tones and sensitivity of motion detection.

9	🦸 🕜 察 🛪 G 📶 💈 11:58				11:58
Adv	/ance	d Set	ting		
Manage Wi-Fi networks					
Event Settin	g				
Motion Detection:	Off				
Notification:	Ringt	one and	d Vib	rate	
	Silent				
Recording S	Tones only				
Mode:	Vibrate only				
Ringtone and Vibrate					
Device Information					
ок			Са	ncel	

9. Alarm setting

9.1 Motion Detection

Open the safety protection, set up motion detection, open alarm linkage, SD card recording, push messages alarm picture storage.

S ()	🖋 🕜 察 🛪 G 浦 📋 16	:13 🛛 😴	o: o	\$ 0	🕅 察 🛪 G 📶 📋 16:17
	Alarm Setting		A	larm Se	tting
Alarm Switch:	ON	De	etection:	піун	
		En eq	iter the alarm juipment	OFF	
Motion Detection:	High	Pr	eset alarm kage	Close	
Enter the alarm equipment	OFF				
Preset alarm linkage	Close	Ala	arm linkage		OFF
Alarm linkage	OFF	Ala	arm recording s	d card	ON
Alarm recording	sd card ON III	Pu	ish messaging	service	ON
Duck according	i Cov (11)	Re	emote Saving Pi	cture	ON
ОК	Cancel		ОК		Cancel

9.2 External alarm

Open the safety protection, set up motion detection, open alarm linkage, SD card recording, push messagin g, alarm picture storage.

😴 G: Ø	🖋 🕚 察 🛪 G 📶 📋 16:1	9 👽 🥺 🖉 🦸 🦿 🏄 🗐 16:20
A	larm Setting	Alarm Setting
Alarm Switch:	ON	Detection:
		Enter the alarm equipment ON
Motion Detection:	Close	Preset alarm Close
Enter the alarm equipment	ON 🖌	Шкауе
Preset alarm linkage	Close	Alarm linkage
Alarm linkage	ON []]]	Alarm recording sd card
Alarm recording s	d card	Push messaging service ON
Dk		Remote Saving Picture ON
ОК	Cancel	OK Cancel

10. Check the event

When alarm triggered and will send the pictures to FTP server. When alarm triggered and will get push notifications on the phone.



10.1 Check the SD card pictures

Search event from: 1/19/15 4:22 PM - 1/20/15 4	4:22 PM	
MOTION DETECTION ALARM 2015-01-19 15:44:38	Alar m	>
MOTION DETECTION ALARM 2015-01-19 15:44:05	Alar m	>
MOTION DETECTION ALARM 2015-01-19 15:43:37	Alar m	>
MOTION DETECTION ALARM 2015-01-19 15:43:08	Alar m	>
MOTION DETECTION ALARM 2015-01-19 15:42:40	Alar m	,
MOTION DETECTION	Alar	
Cloud	SD card	0



10.2 Playback of the Sd card recording



Introduction the video interface function icons

monitor/inter	Ų	talk	101	take	store	the
com				photos	pictures	
alarm switch	€	preset		.Infrared	flip top	to
		position		lamp	bottom	
		switch		switch		
Flips around	QVGA	resoluti	-pmps	current		
		on		setting		

12. PC client introduction

13. 12.1 Requirements for Client Installation.

Hardware environmentProcessor: 2.06GHZ or aboveMemory: 512M or more, suggest 1GB or moreNIC: 10M or moreGraphics: Microsoft DirectX 9 graphics device or higherSupporting operation systems: Windows XP, Vista, Windows7, Windows812.2 Installation Steps

Double-click the installation package, Show the following interface

CameraHBP - InstallShield Wizard	
Choose Setup Language Select the language for the installation from the o	choices below.
Chinese (Simplified) English	
stallShield	

Select "Next"

IPCameraHBP - InstallShield Wiza	ard
	Welcome to the InstallShield Wizard for IPCameraHBP
	The InstallShield Wizard will install IPCameraHBP on your computer. To continue, click Next.
	< Back Next > Cancel

7

You can change the installation "Path", click "Next", After installation, the icon: coolcambbe will be on the desktop.

12.2 Login and Exit



Login password: admin, the password: empty, Click "OK" button, entering the main interface. Only "admin" administrator privileges users can can "Exit" the client, "user" and "guest" cannot. When you exit the client, you need to enter an administrator privileges user name and password.

	-Preview	set	Previe	W
P2P Client-v3.0.1.5		V		? = 🗆 X
COOLCAM		۵		Log out Users: none 2015-05-15 14:26:08
List Current Screen	No Vid Bo rramoto	rs setting	Ro V	/ideo
	No Video		No 1	/ideo
РТΖ				
		Durce	Time	
PRESET				

12.3 Client Introduction

12.4 Parameter Settings

Including: "Device Manager", "Parameters settings", "Record Management", "Linkage Alarm", "User Management", "Other Settings", "Add Area", "Modify Area", "Delete Area", "Input UID", "Modify Device", "Delete Device", "Search".

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12.4.1Add Area (Add a camera)

Before adding a camera, need to add a area Search, ticked the box in front of the domain, Search the within LAN network cameras by Search, Select the device in the device list Add then add it to the area.

P2P Client-v3.0.1.5					? = 🗆 X
COOLCAM	١	📀 🔯 👵		/2	Users: admin 2015-05-15 14:30:09
Device Management Parameter settings Record Management User Management Other Settings VERSION: v3.0.1.5		UID 2EPZUBFCRJN2KFN7111A TVT12K1KJHR3D5LWA5Z1 DZ4MJBAC2SNN5313111A SBNHZP524NBLF1LWANEJ NFDUNA397HVU68LY111A Y1CPARF9RMLANBFB111A	Add Area Modify Area Delete Area Add Device Modify Device Delete Device >> Search Select All		
101010101010					

- Add Area: Adding area to the device tree.
- Edit Area: Selecting the modified area.
- Delete Area: Deleting the selected area.

- Add Device: Manually adding device, clicking the pop-up box to add equipment.
- Modify Equipment: Clicking the pop-up edit dialog
- Delete Device: Before deleting selected device, modifying it, selecting the device you want to modify.
- Add :: Adding devices to the domain search list
- Search: Searching devices within a LAN network.
- Select all: Selecting all devices in the list

12.4.2 Add Manually

Manually add the camera (Add Remote Camera), click "Add Device", pop-up dialog box, input the device's UID number.



UID: Different camera, different UID number.

Name: customization, but should be less than 15 letters.

12.4.3 Parameter Settings

Steps for motion detection setting:

Click on parameter settings, set up the alarm service, select armed, the higher motion detection sensitivity is, the more sensitive message push (push the alarm images to the FTP server), alarm linkage, alarm SD card recording.



1. Enable the "alarm linkage". Select the device channel, select the time, you can select the alarm pop-up window.



Input alarm equipment: External alarm, External alarm triggered when the camera is short circuit. Linkage video recording: Both Mobile and PC video recording at the same time Disk full alarm : Sending voice prompt when the disk capacity is insufficient

12.4.4 Video settings

Including: "Screen flip" "Environmental Mode", "Picture quality"

- 🛞 A S VHX1XK7AJXLBR53WEND TXNHWA5KJDZV44LWA5	Video	Modify Pa	assword	Alarm Se	etting	Systerm	Wifi
	Flip t	the screen	Normally			Obtain	Apply
	Envi	ronment	Indoor (5	0HZ) 👤		Obtain	Apply
	Qua	lity	Quality:Au	uto 🔻	1	Obtain	Apply

12.4.5 Change Password

Choose the channel in device and then change the camera password.

	Video	Modify Password	Alarm Setting	Systerm	Wifi
TXNHWA5KJDZV44LWA5				Previous p	assword
	(Old Password			
		New Password	_	ln	put new password
	Ċ	Check Password	_	Ν	New password again
		Аррі	/		

After user change the password, please disconnect the camera and then reconnect it.

12.4.6 Wi-Fi setting

				X
Sig	SSID	Wifi M	Securty Mode	_
26	MERCURY_6EC8CE	Infrast	None	
42	111	Infrast	None	
100	MERCURY_55BFC0	Infrast	None	
31	9WIFI	Infrast	None	
37	9WIFI	Infrast	None	
31	MERCURY13629	Infrast	None	
78	neodemo	Infrast	WEP2-AES	-
	S Wifi Mo Securty Mo Re-type I	SID ode Infrast ode WEP Key	tructure 💌	
			Apply	Cancel

Search wifi hotpots around camera, input password to connect with wifi.

12.5 Recording Management

In recording management, select the device channel, enable the plan of record, choose the time schedule.

12.6 User management

User permissions can be divided into there parts: administrator, operator and visitor.

Administrator: user can set advanced settings

Operator: user can operate the camera directions, set the video brightness parameter and so on.

Visitor: user can only watch the live monitoring video.

12.7 Other settings

To set the log saving time, the snapshot image format and image saving path in Other Settings.

Also user can choose the button when the software is running, it connects the camera automatically; User can modify default password when he adds a device.

Connect timeout:	10 sec 💌
Log retention time:	One Month
Capture format:	JPG 💌
Image capture path:	E:\
	☑ No need to login into the software automatically
	Start the software automatically connect all devices
	Booting the system automatically run the program
Single screen number:	Sixteen Pic 🔻
Display Mode: Direct	3D 🗨 Apply Save
The default pass	word add device ***** Save

13. Monitoring interface

Functional Icons:

*	Un-connected device		Record by hand/record as schedule
	Connected device	Ì	Manual recording button
	Motion detection alarm		Manual snapshot button
	Alarm recording	đ	Enlarge
9	Alarm linkage		Multi-image option
2	Inter-talking	¢	Full screen
\$	Listening	*	Status button
0	Zoom in circle	6	Zoom in focus
0	Zoom out circle	Ø	Zoom out focus
17:45:01	Recording time hopping		Playing progress bar

14. Local recording video playback

Two ways to search local recording video files:

1: based on the recording format and time to search

2: based on the file format and channel

The first way: Choose the device from device list in local recording files, select the recording format. If there have some recordings can meet the conditions, then it will be shown on time axis, double click the channel then the file will replay.

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When the mouse is moving on time line, it will show what time it is. Click then user finds the exact recording file. Click the time axis, it will change from 24 hours into 2 hours. It is easier for user to choose the recording file as the time point is enlarged.

- stands for alarm recording
- stands for recording as schedule
- stands for recording by hands

15. Select the channel, choose the date then search recording

P2P CI	ient-v3.0.1.5	• • • •			? = 🗆 X
	COOLCAM	🥑 💽 🚺	یا 🧕		2015-05-15 14:52:47
	Los Timos All	logs vib la	a binoi		▼ Emat
	Log Type.		g cype.		Export
	Start time: <mark>20</mark>	15-05-15 00:00:00	<u></u>	End time: 2015-05-15 👤 23:5	9:59 💼 Search
	Source	Time	Users	Content	About
	Systerm	2015-05-15 14:18:56		Enter Systerm	
	User	2015-05-15 14:26:24	admin	Login	
	User	2015-05-15 14:26:30	admin	Add Area	
	User	2015-05-15 14:30:05	admin	Add Area	
	NFDUNA397HVU68LY111A	2015-05-15 14:30:58	admin	Add Device	
	NFDUNA397HVU68LY111A	2015-05-15 14:31:10	admin	Modify Device	
	NFDUNA397HVU68LY111A	2015-05-15 14:31:14		Connect Success!	
0	NFDUNA397HVU68LY111A	2015-05-15 14:32:13	admin	Manual recording program to m	
0	NFDUNA397HVU68LY111A	2015-05-15 14:32:14	admin	Manual recording program to m	
	User	2015-05-15 14:32:16	admin	Modify the system configuration	
	User	2015-05-15 14:32:27	admin	Modify the system configuration	
	User	2015-05-15 14:32:28	admin	Modify the system configuration	
0	2EPZUBFCRJN2KFN7111A	2015-05-15 14:36:57	admin	Add Device	
10	2EPZUBFCRJN2KFN7111A	2015-05-15 14:37:07	admin	Modify Device	
0	2EPZUBFCRJN2KFN7111A	2015-05-15 14:37:11		Connect Success!	
				1	
			40	(i i	
	Î.			0	
	j.			0	
	4			(f)	
				<u> </u>	
	Î.				

16. Search Tools installation

16.1 Search Tools installation

Insert the CD to your computer , CD-ROM will automatically run the software installation. If not,

double-click to open the disc"autorun.exe"

Click Search Tool to install the LAN tool with the tips, then it generates "IP Camera Search"

icon on the desktop.

16.2 Run search tool

Find the search tool on the desktop and run it "IP Camera Search" , The program will automatically search for the within LAN network camera equipment, and show IP address, port number,

and name. Select basic information to change the parameters, click and set to save the changes. As shown: ①: select Chinese language.

2: Select "DHCP", The IP address is assigned by the router automatically, to set manually if uncheck

"DHCP" IP address.

3: Double-click the camera to login

IPCamera Searc	hTool(¥1.3)		
Local Host Local IP: 192 Gate Way: 192 Language Engl Name Camera IPCAM IPCAM Camera Camera	168. 1. 73 Net 2. 168. 1. 1 DN ish • Sor IP 192. 168. 1. 146 192. 168. 1. 176 192. 168. 1. 195 192. 168. 1. 195 192. 168. 1. 223	: Mark: 255.255.255.0 NS : 202.96.134.133 ted by IP Sorted by MAC S/N VZT1W26289BBW53WA5F1 VFN1YA5K417W553WEN6J UBX1WY3A4TFVC1LWA5YJ TNN1YE4U89ZVR53WE5E1 VNTHYE5A4DFBP5LWE5W1	Dev Info SN: SoftWare Ver.: Dev Name: IP Config Enable DHCP IP Address SubMask User admin GateWay Password ***** First Dns Name
			Upgrade Upgrade Upgrade Upgrade
Search		Device: 5	

16.3 Open the video screen.

Double click the "Selected Devices" or enter the IP address and port number in browser (for example:http://192.168.1.122: 81). After opening the login authentication page .then enter the correct user name and password. Click "OK" button to open the login screen. :

he server 19	92.168.1.204 at GoAhead requires a username and password.
	User name
54/2	Password
	Remember my credentials

Select the operating language after login the camera ①. You need to install specified ActiveX if it is your firs time login ③. Click to login the video monitoring interface after successfully installed the activex ②.

Tip: You need to set the set the IE browser after successfully installed the activex. Shown as follows. Set ⁽⁶⁾ as "Enable" or "Prompt", if you still can not view the video, try to set "ActiveX and plug-ins" with "Enable" or "prompt."

P + ⊠ C X A ★ Q	General Security Privacy Content Connections Programs Advanced	Settings
Print File Zoom (100%) Safety	Select a zone to view or change security settings.	Prompt ActiveX controls and plug-ins ActiveX Controls and plug-ins Allow ActiveX Filtering Disable Allow previously unused ActiveX controls to run without prom Disable Enable Allow Scriptlets
View downloads Ctrl+J Manage add-ons F12 developer tools Go to pinned sites	Security level for this zone Custom Custom settings To change the settings, dick Custom level To use the recommended settings, dick Default level. Custom level Default level Custom level Default level	Oisable Oisable Prompt Prompt Automatic prompting for ActiveX controls Oisable Enable Binary and errint hahaviere Im Takes effect after you restart Internet Explorer Reset custom settings
Internet options	Reset all zones to default level	Reset to: Medium-high (default) Reset
About Internet Explorer		OK Cancel

17. Monitoring Interface Button Description

18.The Camera Functionality Setting

18.1 Video Parameters

Set the streams and frame rate according to the network environment.

4096 for 4M, 2048 for 2M, 1024 for 1M upload bandwidth; the larger number, the smoother frame rate.

Monitor	Video esttingo	
Media	video setungs	
Video	Video format:	50Hz 🗙
Audio	1280*720	
Network	Bit rate:	4096 kbps (32-6144)
Network	Maximum	25 44
Wireless	frame rate:	25 rps
Ddns	Key frame	50 (0.150)
P2P Settings	interval:	(2-150)
ONVIF	Bit rate control:	○ CBR ⊙ VBR
Alarm	Image quality:	1 👻
Alarm	640*352	
Alarm Linkage Settings	040 002	
Advanced	Bit rate:	256 kbps (32-6144)
User	Maximum	10 -
Timer record	frame rate:	lo ps
Terminal	Key frame	10 (2-150)
Multiple settings	interval:	(2 100)
System	Bit rate control:	CBR OVBR
Time	Image quality:	3 🗸
Maintain	320*176	
Device information	520 170	
System Log	Bit rate:	256 kbps (32-6144)
Monitor	Maximum frame rate:	25 💙 fps

18.2Audio parameters

G726, G711 is optical for audio settings. Select G711 format if there is any noise.

Monitor	
	Audio Sottings
Media	Addio Settings
Video	1280*720
Audio	Audio Settings: 💿 On 🔿 Off
Network	
Network	Audio Type: G711 💌
Wireless	640*352
Ddns	
P2P Settings	Audio Settings: On Off
ONVIF	Audio Type: G711 💙
Alarm	222422
Alarm	320~176
Alarm Linkage Settings	Audio Settings: 💿 On 🔿 Off
Advanced	Audio Type: G711 V
User	
Timer record	Audio Input
Terminal	Innut volume: 72 (4 400)
Multiple settings	
System	Output volume: 62 (1-100)
Time	26-32 712
Maintain	
Device information	
System Log	Apply Cancel
Monitor	

18.3 Network Settings

1.Automatically obtain IP address: IP address of the camera is automatically assigned by the router. The camera default port: 80

2.Manually set IP address: You can manually modify the camera IP address, subnet mask, gateway, DNS, etc.

Automatically obtain IP shown as below:

Monitor	LAN Settings	
Media	IP Configuration	
Video	Type:	Dynamic IP Address
Audio		
Network		
Network		
Wireless		
Ddns		
P2P Settings	DNS Configuration	From DHCP Server
ONVIF	1)00.	
Alarm		
Alarm		
Alarm Linkage Settings	HTTP&RTSP	
Advanced	HTTP Port number	80 (80 or 1024, 40151)
User		(80 01 1024~49 151)
Timer record	RTSP Port:	554 (554 or1024~49151)
Terminal	DTD Doct	CC00
Multiple settings	RIF FOIL	(5000~8000)
System	RTSP Permission	On ○ Off (Note:Modify the settings, reboot the device)
Time	CITECK.	
Maintain		
Device information		
System Log		Apply Cancel
Monitor		

Manually set the IP address shown as below:

Monitor			
Media	LAN Settings		
Video	Type:	Fixed IP Ad	dress 📉
Audio	ID address	400 400 4	000
Notwork	IP address:	192.168.1.	223
Network	Subnet mask:	255.255.25	5.0
Wireless			
Ddne	Gateway:	192.168.1.	1
P2P Settings	DNS Configuration	Manual DN	s 🗸
ONVIE	Туре:		No. No.
	Primary DNS:	202.96.134	l. 133
Alarm	Occurrent on DNO	400 400 4	
Alarm	Secondary DNS:	192.168.1.	1
Alarm Linkage Settings	HTTP&RTSP		
Advanced	HTTP Port number:	80	(80 or1024~49151)
User			
Timer record	RTSP Port	554	(554 or1024~49151)
Terminal	RTP Port	6600	(5000, 2000)
Multiple settings	itir voit.	0000	(3000~8000)
System	RTSP Permission	⊙ On ○	Off (Note:Modify the settings, reboot the device)
Time	CITEON.		
Maintain			
Device information			
System Log			Apply Cancel
Monitor			

1. When enabled wireless router click on the search button to search for radio signals

2.Select the corresponding router WIFI signal names

3.Input secret key(wireless router password)

```
4. Click Apply (click on the application before checking)
```

Monitor	Wireless			🖉 Vifi	Seann	er – Vindows Int	ernet Er	plorer			
Media	Enable Wireless:	⊙On ○ Off		🟉 http:/	/192.16	58.1.178/web/scan.html					
Video Audio	SSID:	neodemo	search	1	1		1		Network	1	^
Network	Mode:	Infrastructure 💌		Add	RSSI	SSID	Encrypt	Auth	Туре	Channel	
Network	(Select Infrastruct	ure mode if using wireless rout	er.)	Join	26	WS1997	AES	WPA-PSK	Infra	1	
Wireless	Security mode:	WPA2-PSK			20	1101337		III STOR	Inna	-	
Ddns P2P Settings	WPA Algorithm:	AES 🕶		Join	100	MERCURY_55BFC0	NONE	OPEN	Infra	1	
ONVIF	Key:			Join	37	9WIFI	NONE	OPEN	Infra	1	
Alarm	Re-type key:									-	
Alarm	Check Wireless	check		Join	37	MERCURY_2D9DBE	NONE	OPEN	Infra	1	
Advanced	Getup.			Join	42	JXDYS	AES	WPA-PSK	Infra	1	
User				Join	37	9WIFI	NONE	OPEN	Infra	1	
Timer record		Apply Car	ncel								
Terminal Multiple settings				Join	26	9WIFI	NONE	OPEN	Infra	1	
System				Join	31	NTEST1	NONE	OPEN	Infra	1	
Time											
Maintain				Join	99	neodemo	AES	WPA2- PSK	Infra	6	
Device information					-						
System Log				Join	37	qing wei ><::::	NONE	OPEN	Infra	6	~

18.5 DDNS settings

①select one from manufacturer's dynamic DNS Settings and third-party's dynamic DNS settings.

②Input the user name and password after you successfully applied a free DDNS domain name from

dynamic DNS server website.

③Enable the camera and the router's UPNP auto port mapping.

(4) Click Apply.

You just need to input the DDNS domain ip address and the ip camera's port to Internet browser to login the camera. Such as: <u>http://gzyxt.3322.org:81</u>

Set the following figure:

Monitor Media Video Audio Network Network Wireless Ddns P2P Settings ONVIF Alarm	Internet IP Address show Main DDNS ○ On ④ Off
Alarm	3th DDNS
Alarm Linkage Settings	⊙ On ◯ Off
Advanced User	Provider: Dyndns.org
Timer record	User name: myuserid
Terminal Multiple settings	Password::
System	Your Domain: mydomain.dyndns.org
Time Maintain Device information	UPnP Port Forwarding On ○ Off
System Log Monitor	Apply Cancel

18.6 P2P settings

If you no need to access the camera via Internet. You can close the P2P function. (You will can not remote access the camera if you close the P2P function.)

Monitor	P2P Settings	
Media	Enable:	⊙ On ○ Off
Video	LIID:	
Audio	OID.	WITH ESPADI DI SEWESWI
Network		
Network		
Wireless		Apply Cancel
Ddns		
P2P Settings		
ONVIF		
Alarm		
Alarm		
Alarm Linkage Settings		
Advanced		
User		
Timer record		
Terminal		
Multiple settings		
System		
Time		
Maintain		
Device information		
System Log		
Monitor		

18.7 ONVIF settings

ONVIF is a necessary protocol to connect the ip camera with NVR. The default port is 8080. The port no need to be changed and no need to be chosen when do verify.

Monitor Media Video Audio Network Network	ONVIF onvif: Server Port: Purview:	 On Off 8080 Check type O No check
Ddns P2P Settings ONVIF Alarm		Apply Cancel
Alarm Alarm Linkage Settings		
Advanced User Timer record Terminal Multiple settings		
System Time Maintain Device information System Log Monitor		

The alarm taken effect only when both alarm settings and alarm linkage successfully setting. After successfully setting, users' smart phone will receive message when alarm triggered. Click the alarm notification, users can login the App to view the alarmed pictures.(it will take snapshot 3pcs of 1280 * 720 size images)

External alarm input: Refers to I / O interface on the back panel of the camera. Users can enable/disable

this function based on their own request.

Voice alarm: after enable, when the camera detects sound around the camera, it will trigger an alarm. Alarm settings steps are as follows:

1.Ticked the window and adjust the alarm window size and sensitivity (the greater the value, the more sensitive), When an object is detected moving window area will occur flashing red light.

2.Select the alarm time. For whole day alarm, select "full list"

3.Click Apply

18.9 Alarm linkage Settings

1. The alarm function will be enable only when the main switch turn on.

2. Ticked the "Save picture on FTP server," when alarm triggered, it will take 3 pictures to save on to the cloud. Users can check the pictures on smartphone APP.

3.Check the "save picture on the SD card". when alarm triggered, it will take 3 pictures to save on to the SD card (the camera must be supported SD card).

4.Check the "save video on the SD card" when alarm triggered, it will take 3 pictures to save one to the cloud (the camera must be supported SD card).

5. Check the "linkage preset". When alarm triggered, the camera will automatically rotate to the setted preset.

6.Check the "E-mail alarm and send a picture". click E-mail settings, fill in the server, user name and password are same as the sender/recipient's user name and password. Click on "Apply" after completely

full fill. Then click "Test ". The mailbox is set up correctly If the test is successful. As (Figure A)

7. Check the "save picture on FTP Server", users can fill in their own FTP ser	ver (Figure B)
--	----------------

Monitor	
	Linkage set
Media	Main Switch 💿 On 🔿 Off
Audio	E-mail Alarm and Email Setting
Network	Send with Picture
Network	🗌 Relay out 5 sec 🕑
Wireless	Save Picture on the
Ddns	SD Card
P2P Settings	Save Video on the SD
ONVIF	card
Alarm	🗌 A linkage preset 🛛 1 💌
Alarm	
Alarm Linkage Settin	gs
Advanced	
User	
Timer record	
I erminal Multiple cottinge	Apply Cancel
manuple searings	
System	
Maintain	
Device information	
System Log	
Monitor	
Email Sotting	
Linai Setting	
SMTP server name:	smtp.163.com Server Port 25 ssl
Authentication:	
Lipper norma:	C lest satp - Vindows Int
User name.	Dome 12)
Password::	·····
-	l'estSuccess.
Send To:	Dome121@163.com
Sender:	Dome121@163.com
Subject:	ds
	ZXSÍ 🕢 Internet 🖓 🕶 🔍 100% 🔹
50m	
Message:	
	(the
	nax length is 127)
Test Email settings:	Test Please set first, and then test
	Annhy Connect
	Арру Сапсег

(picture A)

18.10 User Management

User management is for users to modify the camera user authorization according to their own needs.

When login by admin, the user can modify all functions of the cameras.

When login by user, the user can do some basic operation of the cameras, such as photography and PT control.

When login by guest, the user can only view the real time video, he can not do any operations.

Monitor	Purview	User name	Password:	Re-type password
Media	admin	admin		
Video	-			
Audio	user	user	••••	••••
Network	guest	guest		
Network				
Wireless				
Ddns			Apply Cancel	
P2P Settings				
ONVIF	-			
Alarm				
Alarm				
Alarm Linkage Settings				
Advanced				
User				
Timer record				
Terminal				
Multiple settings				
System				
Time				
Maintain				
Device information				
System Log				
Monitor				

18.11 Timing Video Recording

If you need to save the video on the SD card, set the following:

1.Please set a video file recording time. Default is 600 seconds, that is 10 minutes for a file

2.Enable "ON/OFF the records"

3.Stream: select the stream type when do the recording. 1280 * 720 (HD), 640 * 352 (SD)

4. Select recording time. Select all the list if need keeping recording for the whole day.

5. Click Apply to complete the setting

1.Cruising laps: maximum is 50

2.PTZ Speed: that the camera rotation speed, there are fast, medium and slow three options

3. Centered while self check: The camera will default rotate to center position after turn on. The camera

will rotate to the first preset position after restart.(need to set up the camera preset position).

Monitor	
Media	
Video	Cruise laps: 1 (1-50)
Audio	
Network	PTZ speed: Medium 💙
Network	Centered While Self Check: 🔘 On 💿 Off
Wireless	
Ddns	
P2P Settings	Apply Canc
ONVIF	
Alarm	
Alarm	
Alarm Linkage Settings	
Advanced	
User	
Timer record	
Terminal	
Multiple settings	
System	
Time	
Maintain	
Device information	
System Log	
Monitor	

18.13 Multiple Channels Settings

Setting steps: Double-click " the 2nd device" - Refresh and select within LAN device- Enter the user name and password - click Add. And so forth.

Monitor			
Media	The 1st device	Native	Camera(192.168.1.146)
Video	The 2nd device	None	IPCAM(192.168.1.177) Camera(192.168.1.178)
Audio	Camera Name:		Camera(192.168.1.179)
Network	IP Address:		
Network	HTTP Port	80	
Wireless	Number:	00	
Ddns	User Name:		
P2P Settings	Password:		
ONVIF	, assirer al		
Alarm		Add Remove	Refresh
Alarm	The 3rd device	None	
Alarm Linkage Settings	The 4th device	None	
Advanced	The 5th device	None	
User	The 6th device	None	
Timer record	The 7th device	None	
Terminal	The 8th device	None	
Multiple settings	The 9th device	None	
System			
Time			Submit Cancel
Maintain			
Device information			
System Log			
Monitor			

1.Check the "Network Time Protocol" --- Select "NTP server" --- choose your own "time zone" --- click "apply"

2. You can directly select "Sync with PC time" and then click "Apply" button to make it synchronize with the PC time.

Monitor	
Media	Time
Video Audio	Device Date Time: 2015-01-16 16:50:04
Network	Adjust
Network Wireless Ddns P2P Settings	Network Time Protocol
Alarm Alarm Alarm Linkage Settings	Time zone (GMT+08:00) Beijing, Singapore, Taipei
Advanced User Timer record Terminal Multiple settings	Sync with PC time Apply
System Time Maintain Device information System Log Monitor	

18.15 System Maintenance

Included: camera reboot, factory reset, system upgrade (when do upgrading process, the camera must be with power and wired connection, otherwise it will damage the camera).

Monitor			
Media	Maintain		
Video			
Audio	Reboot:	reboot	
Network			
Network	Factory default:	factory default	
Wireless	Backup setting data:	831/9	
Ddns	Dackup setting data.	Jave	
P2P Settings			[浏览] ok]
ONVIF	Restore:	58 .	
Alarm			
Alarm	Upgrade:		[浏览] ok
Alarm Linkage Settings	and the dependence of the best of the		
Advanced			
User			
Timer record			
Terminal			
Multiple settings			
System			
Time			
Maintain			
Device information			
System Log			
Monitor			

18.16 Device Information

Included: the device firmware version, network connection status, number of online users, IP address, and SD card status etc. Users can playback the video and view pictures from SD card.

18.17 System Log

	[1970_01_01	08:00:33]	ipc_server	start.			
Monitor	[1970_01_01	08:02:08]	user(admin)	login	for	live	stream.
	[1970_01_01	08:33:36]	user(admin)	login	for	live	stream.
Media	[1970_01_01	09:13:31]	user(admin)	login	for	live	stream.
Video	[1970_01_01	09:13:34]	user(admin)	logout	from	live	stream.
Audio	[2015_01_16	15:12:23]	user(admin)	logout	from	live	stream.
	[2015_01_16	15:13:59]	user(admin)	login	for	live	stream.
Network	[2015_01_16	15:14:03]	user(admin)	logout	from	live	stream.
Network	[2015_01_16	15:14:04]	user(admin)	login	for	live	stream.
Wireless	[2015_01_16	15:14:07]	user(admin)	logout	from	live	stream.
Ddee	[2015_01_16	15:14:30]	user(admin)	login	IOT	live	stream.
Duns	[2015_01_16	15:14:33]	user(admin)	Logout	Irom	live	stream.
P2P Settings	[2015_01_16	15:24:42]	user(admin)	login	IOT	live	stream.
ONVIF	[2015_01_16	15:27:21	user(admin)	login	for	live	stream.
Alarm		16:20:39]	user (admin)	login	for	live	stream.
Alafili	[2015_01_16	16:20:37]	user (admin)	login	for	live	stream.
Alarm	[2015_01_16	16.20.40]	user (admin)	logout	from	live	stream
Alarm Linkage Settings	[2010_01_10	10.21.01	aber (admin)	109040	11010		oorean.
Advanced							
Auvanceu							
User							
Timer record							
Terminal							
Multiple settings							
System							
Time							
Maintain	Clear Log	Refresh					
Device information							
System Log							
Monitor							
Monitor							

19. FAQ

What can we do if can not find the ip address on the search tool ?

Exclude the camera already broken, do as followings: IF the camera did not working and as follow :

1: Make sure the RJ45 cable connect well, and please use the crystal head (AMP) with international standards wiring. Please note that camera need high demand of the data transmission channel than computer access requirements, so maybe will get the camera can not working but use the same cable will working for the computer, then be careful to use the RJ45 cable, must make sure the connect tight with the camera .

2: Make sure of the DC adapter working, first check the power light, if its working and will see the light.

Then check the camera's port of RJ45, the yellow LED means DC adapter working, the green light means RJ45 cable working.

3: Make sure close all firewall and anti-virus program. Because the firewall will block unrecognized data, so if all of the firewall working and can not find the ip camera on the search tool.

What can we fo if can not see the image on IE browser:

1. Make sure to install the video plug, if install already and please close the antivirus program.

2. Find the "Tool" on IE browser, then select the "internet option". Then choose the "safety"

Select a zone to view or change security settings.	s Programs Advance
Internet Local intranet Trusted sites R	estricted sites
Internet This zone is for Internet websites, except those listed in trusted and restricted zones.	Sites
Security level for this zone	
Custom Custom settings. - To change the settings, dick Cust - To use the recommended settings	om level. , dick Default level.
Custom Custom settings. - To change the settings, dick Cust - To use the recommended settings To use the recommended settings Enable Protected Mode (Thuires restarting Custom level	om level. , dick Default level. Internet Explorer) Default level
Custom Custom settings. - To change the settings, dick Custo - To use the recommended settings Fnable Protected Mode ("Muires restarting Custom level Reset all zor	om level. , dick Default level. Internet Explorer) Default level nes to default level

0	Promot		
Activ	eX controls and plug-ins		
	Allow ActiveX Filtering		
(Disable	[
(Enable		1
1 I	Allow previously unused ActiveX co	ontrols to run without prom	
(🔵 Disable		
(Enable		
🥡 I	Allow Scriptlets		
0	Disable		
(Enable		
_ (Prompt		
🥡 I	Automatic prompting for ActiveX co	ontrols	
0	Disable		
Table C	Enable		÷
1	III	+	
Takes ef	fect after you restart Internet Exp	plorer	-
eset custo	om settings		
acet to:			_
ESEL IU.	Medium-high (default)	▼ Reset	

How to open the Compatibility Mode on browser :

Find the "tool option" on IE browser then find the "Compatibility View Settings"