H Series HD IP camera IE operation

1. Use "search tool" to find the IPC's IP address

Double-click to open H Series HD Camera "search tool" software, you can choose language as "ENGLISH":



Then click "Next" button, then you will see a list of all IPC in your local network, now you can change the IP address of any camera in this list, steps:

(1) select a camera from the list. Click "Next" button as follows:

No.	IP	Name	SubMask	Gate₩ay	H. 🔺
1	192.168.8.171	展厅100万旋转	255.255.255.0	192.168.8.1	8
2	192.168.8.173	ID工厂大门130万	255.255.255.0	192.168.8.1	10
3	192.168.8.174	240万8mm	255.255.255.0	192.168.8.1	10
4	192.168.8.176	模具厂130万6mm	255.255.255.0	192.168.8.1	8
5	192.168.8.179	贴片车间100万	255.255.255.0	192.168.8.1	10 ≘
6	192.168.8.181	灯板车间100万6mm	255.255.255.0	192.168.8.1	8
7	192.168.8.182	老化房100万6m	255.255.255.0	192.168.8.1	10
8	192.168.8.185	半成品仓100万6mm	255.255.255.0	192.168.8.1	8
9	192.168.8.187	仓库正门100万	255.255.255.0	192.168.8.1	8
10	192.168.8.188	电子料仓100万	255.255.255.0	192.168.8.1	8
11	192.168.8.191	绊线计数测	255.255.255.0	192.168.8.1	8
12	192.168.8.233	IPCAM	255.255.255.0	192.168.8.1	8 🕶

But you must set the camera IP to be in the same segment of your local network

Name	前台240W 3.6MM	
IP Address	192 . 168 . 1 . 171	Local IP
SubMask	255 . 255 . 255 . 0	192. 168. 1. 36
Gateway	192 . 168 . 1 . 1	192.100.1.30
Port	80	
MAC	00:8B:83:85:5E:90	
Туре	QV_IPC	
Software Ve	r. V1.2.6.8-X00-Build:2013	
	Reset Modify	

After modifying the parameters of the IP Address, Sub mask code and Gateway, click "Modify" & "Next" buttons to save your settings.

When the window remind you to enter account name and password, please enter default information as follows:

Account	
Password	
I	, □ remember
	OK Cancel

Then please mark 'remember', after marking, when you want to change the next device's information, you don't need to input the account and password. At last please click OK and then will be as follows. This shows you have modified successfully.

IPNCSe	archv1.1 🔀
1	Successful !
	- 确定

2. Use Internet explorer software

Megapixel IP digital camera has built-in Web server system to support viewing pages, configuring the device and managing the device through web at the PC side.

Web client provides image browsing, parameter setting, PTZ control, system configuration, log query and other functional modules.

2.1 System login on IE

Login steps

1, When use a browser (Internet Explore) access the network camera for the first time, you must temporarily lower security settings so that the ActiveX components can be installed on the network, set steps:

(1) go to the View menu, Please select Tools- Internet Options - Security - Custom Level-ActiveX controls and plug-ins >, set the security level to low, and click Reset.

(2) Open the IE browser, input the camera's IP and press the Enter key, if you don't know the device's ip, please use "Search Tools" software and get the device's IP address.

(3) When visit the Web interface for the first time, there will be prompted to install the control, click to download and install the control, then refresh the Web interface, as the following:

User name:	admin	
Password: Language:	English	~
Stream:	MainFlow	Download Player
🗆 Au	to Login	Login

The default user name: admin

password: admin.

Languages : Chinese, English

Stream: main flow / Minor flow, this will affect video quality, especially for remotely view, we suggest you to choose sub stream, because main stream request the network situation of 2 ends to be very good, include upload bandwidth and download bandwidth, these 2 options have OCX-H264 and VLC-H264 two types, the default is OCX-H264.

After you log in, if you only see the screen like below image, no matter you will see the notification information or not,

🐱 🖿 🎐 🕫	Home	Replay	Media	Parameters	System	Download Player Logout
		白网页的满息 1) please install ;	player, and install succ			
			确定			Point: 1
						¢ O 0
						 ✓O O O
						Flip: ● On ● Off
						Mirror: ● On ● Off Powerfreq: ● 50HZ ● 60HZ

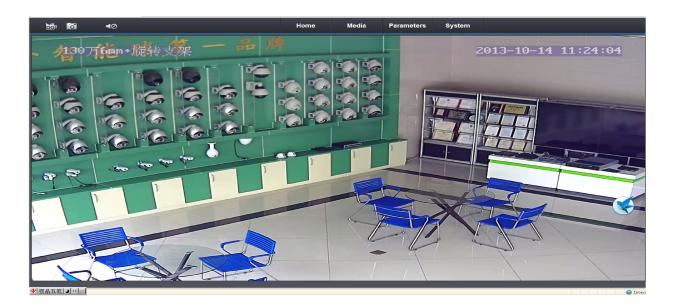
This means you need to install an active-x, it can be download from the window right corner on top, see

above image red line, after download you can find the file of ICamera, when you install it, also can



choose language

After install the active-x, please refresh the window, then you can enter the camera's video, below shows our company example:



2.2 Brief introductions of functions operation on IE

2.2.1 REPLAY:

After entering into IE end interface, click 【REPLAY】 the following picture will appear :

Home	Replay	Media	Parameters	System	Do	wnload F	<u>Player</u>	Logo	<u>out</u>
					•	March 2	2014		
									a 1
					2 3 9 10	4 5 11 12	6 13		8
					16 17	18 19 25 26	20	21 2 28 2	22
					30 31				
					FileList:	All		× • 0	
					Time			Size	
									^
n			4) ^	50					

Only when you set recording video and with recording disk, you can use this function.

On the right calender, you can choose the date to check recorded video, click icon about 20 seconds, you can see the video list, double click it to replay.



•		Mai	rch 2	014		•
	Мо	Tu	We	Th	Fr	Sa
						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					
						Ø
FileL	.ist:	All			-	Q
		Com				
Time	8 j	Alarn	1		6	ize
		All				

2.2.2 MEDIA SETUP:

Home	Replay	Media	Parameters	
Media				
Video	Main S	tream		
Audio	Resol	ution: 1280×	960 💌	
Image	▶ Bit Ra	ie: 512	•	
OSD	Maxim	um Frame: 18		
PTZ	▶ Bit Ba	e Type: Variab	le bitrate 💌	
		e Gap: 128	and the second s	n or equal to18
	Sub St	ream		
	Resol	ution: 640×3	80	
	Bit Ra	ie: User D	efine 💽 200	
	Maxim	um frame: 12		
	Bit Ra	te Type: Variab	le bitrate 🔽	
	l Fram	e Gap: 25	Great that	n or equal to12
	Mobile	Stream:		
	Resol	ution: 320×1	80 💌	
	Quality	y Very H	ligh 🔽	
	Norm:	© P/	AL 🔍 NTSC	

- VIDEO -

Main stream: this set mainly for view video in local network

Resolution -- set suitable stream, this is also depended on the camera's true resolution, not every camera have options of resolution as same as below image:

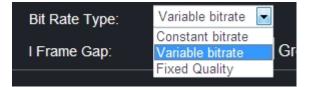
Main Stream					
Resolution:	1280x960				
Bit Rate:	1280x960 1280x720 640x480				
Maximum Frame:	640×360				
Bit Rate Type:	Variable bitrate	•			
I Frame Gap:	128	0	Great tha	in or equ	al to18

Bit rate -- click to choose suitable value, this will affect video quality and speed.

Resolution	1280x960	-
Resolution.	1200000	
Bit Rate:	512	
	128	
Maximum Frame:	256	
	384	
Bit Rate Type:	512	
	768	dia mang
I Frame Gap:	1024	Great that
	1536	
Sub Stream	2048	
Sub Su cam	3072	
Resolution:	4096	
	5120	
Bit Rate:	6144	200
	8192	
Maximum frame:	User Define	

Maximum frame -- can choose 1 - 25

Bite rate type -- click to choose the type you want, we generally choose VARIABLE BITRATE



1 frame gap -- set suitable value, related to your video resolution and bit rate, quality, speed.

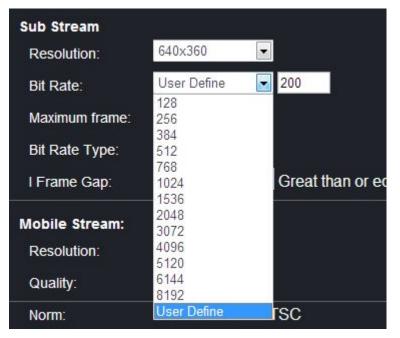
I Frame Gap:	128	Great than or equal to18
--------------	-----	--------------------------

Sub stream : this set mainly for remote view the camera video.

Resolution -- set suitable stream, this is also depended on the camera's true resolution, not every camera have options of resolution as same as below image:

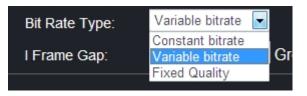
Sub Stream		
Resolution:	640x360	
Bit Rate:	640x360 320x180	200

Bit rate -- click to choose suitable value, this will affect video quality and speed.



Maximum frame -- can choose 1 - 25

Bite rate type -- click to choose the type you want, we generally choose VARIABLE BITRATE



1 frame gap -- set suitable value, related to your video resolution and bit rate, quality, speed.

I Frame Gap:	25	Great than or equal to12

Mobile stream : this set mainly for view the camera video on smart phone.

Resolution -- this is decided your set of "QUALITY"

Mobile Stream:				
Resolution:	320)x180		*
Quality:	Ve	ry High		
Norm:	۲	PAL	۲	NTSC

Quality -- you can choose the level you want, this means video quality when you view on smart phone

Mobile Stream:	
Resolution:	320x180 💌
Quality:	Very High 💽
Norm:	Very High High IS Normal Low Very Low

Norm -- choose correct video signal according to your country standard.

Mobile Stream:			
Resolution:	320x180		
Quality:	Very High		
Norm:	© PAL	• NTSC	
		Apply	Cancel

After you finish these settings, please click "APPLY" to save the settings.

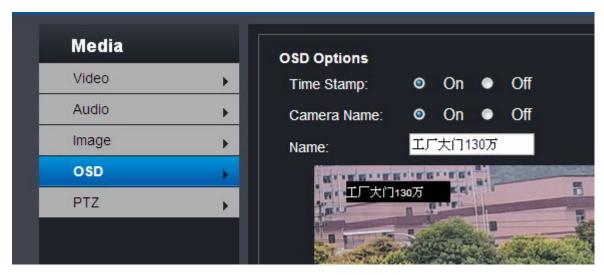
- AUDIO - set every options, then click "APPLY" to save the set.

Media					
Video	•	Audio Encoded Format:	G7	11a	
Audio		Input Gain:	80		
Image	•	Output Vol:	100		
OSD	•	Main Stream:	۲	On	
PTZ	•	Sub Stream:	۲	On	

- IMAGE - mainly for set image quality with WDR function.

Media		WDR:	Normal
Video	•		Low Normal
Audio	•		High
Image			
OSD	•		
PTZ	•		

- **OSD** - mainly for set display information on screen, set every functions, then click "APPLY" to save the set.



- PTZ - mainly for set PTZ information to realize control

		Home	Replay	Media	Parameters	Syste
Media	_	Property				
Video	•	PTZ Type:	485			
Audio	•	Protocol:	pelco-d			
Image	•	Baud Rate:	2400			
OSD	•	Databit:	8			
PTZ	•	Stopbit:	1			
		Parity:	None			
		Address:	0	• 0	✓ 1	• (0~255)

2.2.3 PARAMETERS (not every camera with same interface and options)

NETWORK

- Basic settings - set network parameters

Network		
Basic Settings	LAN Settings IP Type:	Fixed IP Addres:
DDNS 🕨	IP Address:	
E-Mail	Subnet Mask:	ter and the second s
Wifi		
FTP 🕨	Gateway:	Manual DNS
Event	DNS Type:	
Motion Detect	Primary DNS:	
Occlusion Detect	Second DNS:	
Alarm in out	HTTP:	
Auto capture	Port :	⁸⁰ (80 or 1024~32767)
Record	RTSP:	
Course Area	Port:	(554 or 1024~32767)
Cover Area	Onvif:	
	Port:	(1018 or 1024~32767,must reboot)
	Network Test:	
	Wan Test:	Test

LAN Settings -- set the IPC network parameters, DHCP, HTTP protocol

HTTP -- port number is 80

Support 1 channel 10/100M Ethernet, RJ45 interface and TCP / IP, HTTP, PPPoE, DHCP, SSL, DDNS, UPNP, NTP, RTSP, ONVIF protocol

- DDNS - set your DNS information here,

ynamic DNS:		
Status:	On Off	
Provider:	3322.org 🛛 👻	
Username:	username	
Password:	•••••	
Your Domain:	youdomain. f3322. org	

- E-MAIL -

E-Mail Setting:		
Server name:	smtp.server.com	
Port:	25	
SSL:		
Authentication:	💿 On 🌢 Off	
User Name:	username@server.com	
Password:	•••••	
Send To:	username@server.com	
From As:	username@server.com	

In the Email setting can set SMTP server name, server port and other services.

Support Email sending. When there is alarm input, motion detection, video blind, SD card abnormal, etc, alarm trigger will upload the corresponding picture and alarm type information and send them to the specified mailbox, SSL encryption is supported.

- WIFI - only wireless camera can use this settings, and before use our wireless camera, you must to enter here to set parameters, must to choose "ENABLE" option and save set.

You can search the wireless cameras in your network, and see their WIFI signal strength, connection situation, set user name and password.

Network	Wifi Status:	
Basic Settings 💦 🖡	Enable	
DDNS ,	CurHotPoint	
E-Mail	SSID:	WifiAP
Vifi ,	Connect Status:	Disconnect
тр ,	SSID	Signal Auth Mode
vent		
lotion Detect		
cclusion Detect		
larm in out		
uto capture 💦		
tecord		
over Area	SSID:	WifiAP
	Auth Mode:	WEP
	Password:	Show Password
		Test

- P2P - need to choose option of "ENABLE" to make P2P function works.

P2P:		
Status:	Enable	
Sialus.		
ID:		

- FTP - for set "file transfer protocol " between your computer and another server.

		Home	Replay	Media	Parameters	System
Network		Server:				
Basic Settings	•	Port:	21			
DDNS	•	User:				
E-Mail)	Password:		Test		
Wifi	۱.					
P2P	•					
FTP						

EVENT

Motion detect - you need to choose option of "ENABLE" before use this function.
 Choose detection area: click mouse to choose area in the red frames.
 Sensibility: 4 levels optional - very high / high / mid / low

	-	Home	Replay	Media	Parameters
Network					
Basic Settings	Area: Status:	Enable			
DDNS					
-Mail 🕨		大门130万 -*		778 1878	2014-03-20 19:35:43
/ifi 🕨				e1	
TP 🕨	and the second				65. 2 8 × 111
vent			Service and the		
lotion Detect 💦 🗼	1				
cclusion Detect					
arm in out			B 04		
uto capture					
ecord 🕞					
over Area					
	Sensibility:	High [- Sele	ct All Clean All	
	Action:				

You can set the motion detection action:

Send Email -- When there is something abnormal in the red area, will send e-mails to the specified mailbox.

Alarm with snapshot -- When there is something abnormal in the red area, will save a snapshot. Trigger alarm output -- When there is something abnormal in the red area, will give an alarm signal.

The alarm schedule can be arranged by Week model / work mode / all time day.

After finish all settings, click "APPLY" to save the settings.

Sensibility:	Higl	n 🔽		Se	elect /	All	Clean All	
Action:								
E-Mail:		Send E-mail						
Output:		Alarm With Si	naps	shot				
		Trigger Alarm	Out	put				
Schedule:	۲	Week Mode	۲	Work Mo	ode	۲	All Time Day	Time

- Occlusion detection - only can set its sensibility and choose "ENABLE" option to make it works

Network		
Basic Settings	Occlusion Dete Status:	Enable
DDNS	Sensibility:	normal
E-Mail	Controlinely.	very high
Wifi		high normal
FTP •		low
Event		
Motion Detect		
Occlusion Detect		
Alarm in out		
Auto capture		
Record		
Cover Area		

- Alarm in out - please choose each options to set according to your application need, then choose "ENABLE" to make the function works, and click "APPLY" to save the settings.

Alarm In:	
Status:	Enable
Active Mode:	High 🔽
Action:	
E-Mail:	Send E-Mail
Output:	Trigger Alarm Output
Schedule:	Week Mode Work Mode All Times Day Time
AlarmOut:	
Status:	Enable
Active Mode:	Open 👻
Time:	9 Second

- **Auto capture** - Set the capture time and the save path of capture file and the auto capture can be automatically be saved in the SD card.

Network		
Basic Settings	•	Snapshot: Status: Enable
DDNS	×.	Interval: 60 Minutes
E-Mail		Action:
Wifi	F	E-Mail: Send Email Setting
FTP	•	FTP: Send
Event		
Motion Detect	•	
Occlusion Detect	•	
Alarm in out	Þ	
Auto capture		

Click the "Email setting" to open below window, and set every options. Then click "APPLY" to save the settings.

		Home	Replay
Network			
Basic Settings	E-Mail Setting:	smtp.server.com	
DDNS	Server name:	a section of the sect	
E-Mail	Port:	25	
Wifi	SSL:		
FTP	Authentication:	◎ On ● Off	
	User Name:	username@server.co	om
Event	Password:	•••••	
Motion Detect	Send To:	username@server.co	om
Occlusion Detect			
Alarm in out			_
Auto capture		username@server.co	
Record	From As:	usemanie@server.co	om Test

- **Record** - set record video parameters, you can choose record stream, main flow need bigger storage capacity.

File time - mean how long time to create a video file for storage.

After finish all settings, please click "APPLY" to save the settings.

T.		Home	Replay	Media	Paramete
Network	Becord				
Basic Settings	Stream:	MinorFlow 💌			
DDNS	File Time:	60S 🔽			
E-Mail	Manual Record:	● On ◎ Off			
Wifi	Timer Record:	● On ● Off			
FTP			Work Mode		y Time
Event	Schedule:	Week Mode		All Time Day	y Time
Motion Detect	•				
Occlusion Detect	•				
Alarm in out	•				
Auto capture	•				
Record	•				

- Cover area - set privacy mask area, 4 areas optional, area size adjustable.

Set area: choose "ORIGION 1 - 4", then a mask frame will appear in window, click it via mouse and move it to the area you want to mask, move mouse to each frame right corner on bottom, you will see an arrow of mouse, now can move mouse to change mask frame size.



System

- User - can set user management permission, add / delete user.

		Hor	ne	Media	Parame	eters	System
System		UserID	Username	Pas	sword	Ve	rify Password
User	•	Administrator	admin	••••		•••••	
Time setting	۱.		guest	•••••		•••••	
Initialize	•	User2	c				
Device info	•	User3 User4	C			+	
Storage Device	•	User5	c			+	
System log	•	User6				1	
		User7				1	

- Time setting - set time information of the camera.

		Home	Replay	Media	Para
System					
User	Adjust: Date & Time:	2014-03-20 20:44	:13		
Time setting	Mode:	Keep Current			
Initialize	Time Zone:		ijing, Chongqing, HongKi	ona Urumai	
Device info		Annual Contraction	ning, onongqing, nongit	, oraniqi	
Storage Device	Auto Update Tim	e. 🔽			
System log	• ·				

- initialize - here for user to reset the camera or upgrade the camera.

Reboot: will reboot the camera without power off operation.

Factory default: click this "OK" button will make camera all settings back to the factory default set. Backup data

Restore

Upgrade: this for upgrade the camera version.

NOTE: power off during the camera upgrading proceed will destroy the camera and can not be repaired remotely.

			Home	Replay	Medi
System		Initialize			
User	•	Reboot:	ок		
Time setting	•	Factory Default:	ок		
Initialize		Backup Data:	ок		
Device info	•		UN		
Storage Device	•	Restore:		Browse	Apply
System log	•	Upgrade:		Browse	Apply

- **Device info -** as below image, show you the camera information and network information. You can view the IP camera name, serial number, model, version, Mac address, IP address, subnet mask, gateway, primary DNS, Secondary DNS, and SD card information

evice Info					
Camera Name: 130万6mm+旋转支架					
Serial Number:	QVIlkdOyjHsFmXXcjSucDGjoQAwilXHE				
Hard Ver:	7100-ar0130_960p				
Software Ver:	V1.2.61.3-X10-Build:20130806l				
Start Time:	2013-9-22 15:4:12				
twork Info					
Connection:	LAN				
Mac:	00:71:03:bf:45:b4				
IP:	192.168.1.172				
Subnet Mask:	255.255.255.0				
Gateway:	192.168.1.1				
Primary DNS:	192.168.0.1				
Second DNS:					

- storage device -

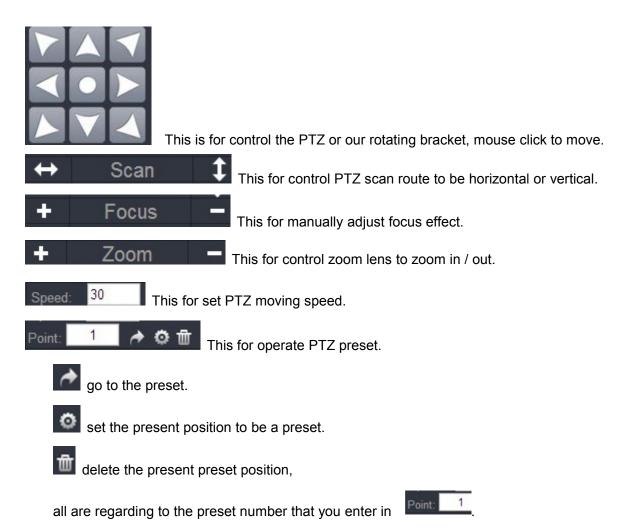
Status:	no ready	
	refresh mount	

- System log - here will show you the system logs.

Time: 2013 10 14 ~ 2013 10 14 Type: All 💽 Search						
Number	Time	Туре	Detailed			
<u></u>						
»						

- HOME - page operation







Belows options are for adjust video display effect parameters.

