

User Mannual

I IPC Installation Instruction

Device connection sketch map:



(示意图)

以下为三种连接方式的整体图:

1. 连接到路由器



2. 直接连接到调制解调器



3. 直接连接电脑



II User manual

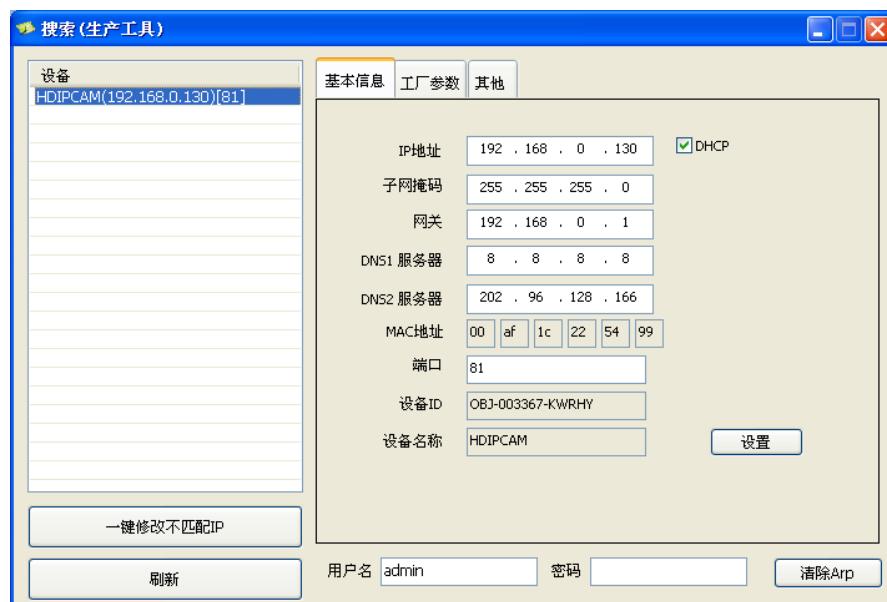
1. Search the device

Start the IPCAM Search Engine (make sure the device and the computer are in the same LAN)

Please note the following before got the IP:

- a. make sure the device have powered-on and connected to the internet
- b. make sure the LAN or PC support DHCP(dynamic IP distribute), because the IPC was set to get the dynamic IP, if the LAN or PC do not have this function, then it can not find the IPC.

1.1 Search Engine

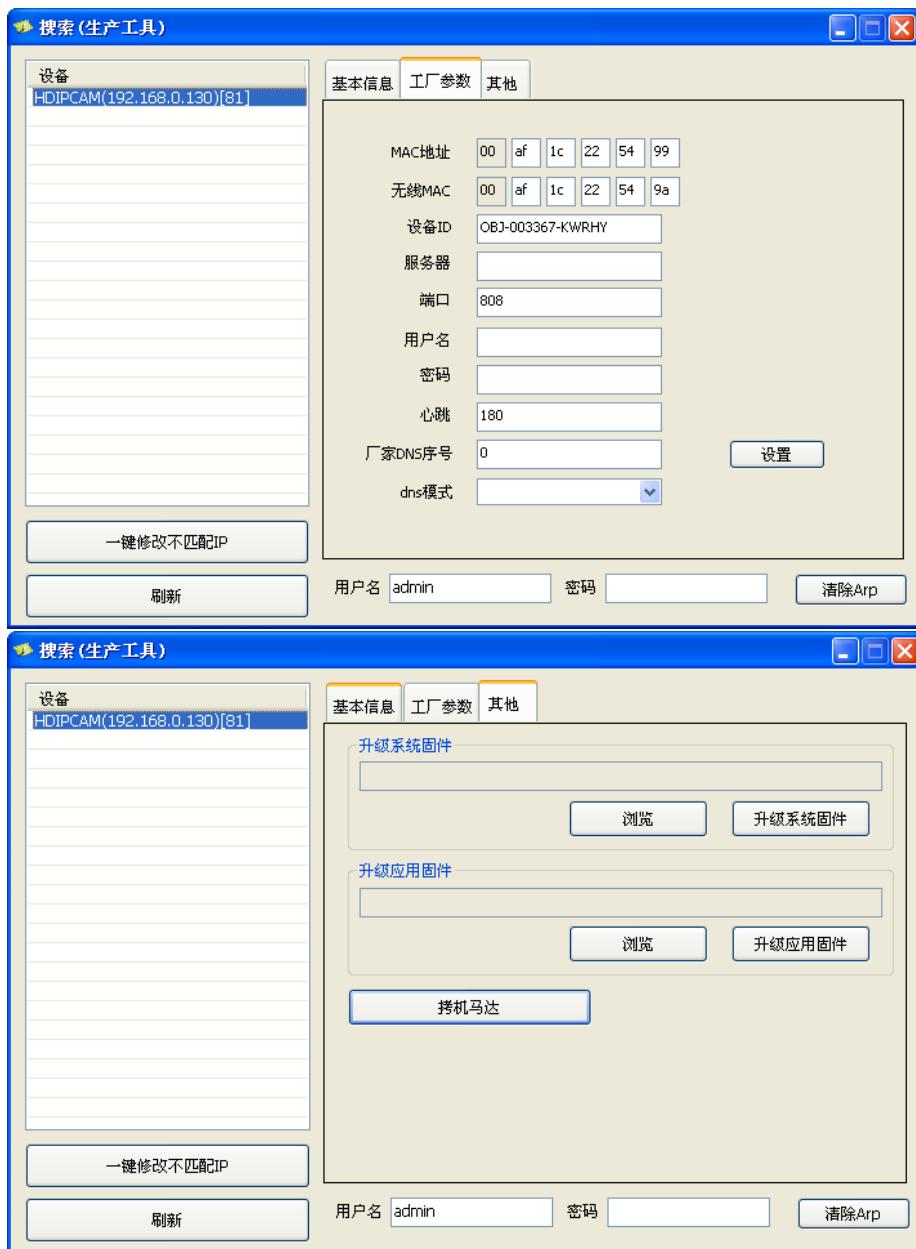


设备 : all the devices in the LAN, choose and open the device by double click

基本信息 : information of the current device, here you could adjust the parameters of the device according to the use, type in the user ID and pass word and click **设置** after modification.

工厂参数 : here you could set the domain of the factory

其他 : here you could update the version for the IPC



2. Log in the device

2.1 after you type in the IP address of the device in the browser's address bar(example: <http://192.168.1.130:81>), click “ENTER” or use the search engine, double click the IP address which founded by the engine, the IE will automatically start, the login form for administer would popup.

2.2 type in the user ID (default as “admin”) and the pass word(default as blank), click the button “confirm” to watch the video(support max 4 user to watch simultaneously).



2.3 choose the language and log in mode:



2.4 download the plug-in

Click the **插件下载**, the follow picture will show up, save and download the plug-in,



then double click the **oPlayer.msi** to install step by step.



2.5 Real time watch by using the IE



NOTES: for the very first time, it might shows nothing(the Activex did not approved). You need to do some settings: Tools of the IE\Internet\Safty\Custom level, put the unproved Activex under the “start/present” status. See below picture:



3. User Interface for IE user instruction

3.1 Main interface user instruction



: PTZ direction control (only LW-S101)



: show OSD information



: up-down cruise (only LW-S101)



: left-right cruise (only LW-S101)



: image flip vertical



: mirror image



: IO switch

模式 : adjust the model for inside/outside, 50HZ/60HZ available to choose, usually choose 50HZ for inside in China.

分辨率 : adjust the resolution, could be set 720P(1280*720), VGA(640*480), QVGA(320*240).

帧率 : adjust the frame rate, could set 1-30 frame/sec, the bigger the number, the fluency the image would be.

PTZ速度 : adjust the speed of the PTZ

码率 **2048**  : the code rate, the smaller the number, the obscurer the image will be, and the smaller the video will be.

亮度 **79**  : set the sensitometry of the camera

饱和度 **80**  : adjust the color saturation of the image of the camera

色度 **64**  : adjust the chromaticity of the color of the camera

恢复视频缺省值 : recover the original default value

预置位 **调用** **设置** : there are 16 preset positions for set (donot support the card version)



: start the listen, you could watch and hear the voice near the camera



: start the microphone function



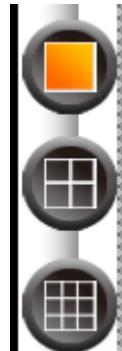
: click to record the local video



: take photos for the current image



: click to enter interface for set the perimeters of the device



: one image, four image, nice image switch

3.2 Basic information of the device



Click the button  to enter the interface for parameters of the device, see bellow picture:

设备状态	
设备系统固件版本	0.0.0.79
设备应用固件版本	0.0.0.52
名称	MJIPCAM
设备序列号	OBJ-000171-FHUMK
报警状态	无
UPnP 状态	UPnP 成功
DDNS 状态	未动作
MAC	00:11:12:13:00:56
WIFI MAC	00:11:12:13:00:58
语言版本	简体中文

3.2.1 information of the device

Click the button **设备信息** you will see the bellow picture:

设备状态	
设备系统固件版本	0.0.0.79
设备应用固件版本	0.0.0.52
名称	MJIPCAM
设备序列号	OBJ-000171-FHUMK
报警状态	无
UPnP 状态	UPnP 成功
DDNS 状态	未动作
MAC	00:11:12:13:00:56
WIFI MAC	00:11:12:13:00:58
语言版本	简体中文

设备系统固件版本: the version number of the system software

设备应用固件版本: the version number of the app software

名称: the name of the device(customer could set your own)

设备序列号: the serial number of the device from the factory

报警状态: alarm status

UPNP 状态: check the device whether start the UPNP function and status

DDNS 状态: the status of the DDNS of the device, if settled and working well, will show information of the DDNS server.

MAC: display the MAC address of the device

WIFI MAC: display the wireless MAC address of the device

3.2.2 set the name of the device

Click the **设备名称设置**, you will see as below:



名称: set a name for the device, click the button “set” to save it after set.

3.2.3 set the time of the device

Click the button **设备时钟设置**, you will see as below:



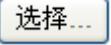
To get the time from the PC or server, if not connect to the internet, then get time from

PC only. Click the **设置** to save the set and adjust the time of the device.

3.2.4 Video Route

Click **录像路径**, you will see as below:



本地录像文件列表: click  to choose the route to save the local video

3.3 Alarm setting

3.3.1 Alarm setting

Click  , you will see as below:



Choose the mode for alarm. Example: choose the motion detection set, you will see as follow:



Choose the way for alarm, whether it's IO linkage, send email, upload image, or linkage presetting position alarm. Example: motion detection all day monitor, set the

sensitivity at 10, when it alarms, the linkage IO send high level, send email, FTP picture upload (upload picture in every 10 seconds), the camera point at presetting position 1 when it alarms. Set like below:



Click **设置** to confirm.

3.3.2 Email service setting

Click **邮件服务设置**, you will see as below:



This function is to alarm by send emails. If the camera alarms, it will automatically send emails to the email address preset.

发送者: write the email address for send out email

接收者: write the email address for receive the alarm email (the sender and receiver could be the same)

SMTP 服务器: write the sender email address web, like QQ email box: smtp.qq.com;

SMTP 用户: write the sender email ID

SMTP 密码: write the sender email pass word

This function would only be used when the camera connect to the internet. If the pass word of the sender's email changed, need to keep the email ID and pass word accordingly to the camera setting to use this function.

3.3.3 FTP service setting

Click **Ftp 服务设置**, you will see as below:



This function is for upload the image you take to the appointed catalogue of the FTP server, the camera need connect to internet to use the function.

FTP 服务器: write the web address for uploading the image

FTP 端口: default as 21

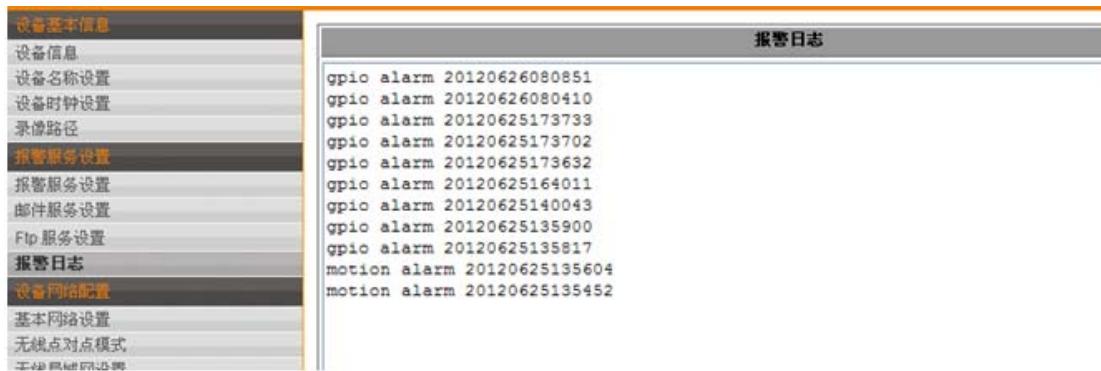
FTP 用户: write the FTP user ID

FTP 密码: write the FTP user pass word

上传时间间隔: set the time for photograph the image and upload to FTP automatically, per second.

3.3.4 Alarm log

Click **报警日志** to check the alarm log



3.4 Device network configuration

3.4.1 Basic network configuration

Click **基本网络设置**, you will see as below,



Set the sub network mask, gateway, DNS server before use. When like below choose DHCP, device will get the IP address automatically.



3.4.2 WIFI Mode

Click **无线局域网设置**, you will see as below:

ID	SSID	MAC	
1	ChinaNet-LRrN	4C:09:B4:34:FD:5F	
2	TP-Longwin	1C:FA:60:C9:5E:0C	
3	JDH803	6C:E8:73:34:34:BA	
4	ChinaNet-T5KD	E0:30:05:28:E4:BF	
5	CMCC-AUTO	00:23:89:24:07:62	
6	JDHSJ804	6C:E8:73:34:45:04	
7	DFLY	C8:3A:35:29:36:18	
8	CMCC	00:23:89:24:06:B0	
9	idiway	00:0F:B5:96:BD:92	

使用无线局域网 SSID 网络类型 验证模式 共享密钥

Click “搜索” you could search for the available wireless networks, choose your route, type in the pass work, click “设置” . the camera would restart automatically, then you could remove the network cable.

3.4.3 DDNS setting

Click **动态域名设置**, you will see as below, customer could choose DDNS server as your requirements. See below pattern:

动态域名设置	
DDNS 服务	3322.org(dyndns) <input type="button" value=""/>
DDNS 用户	wp3516 <input type="text"/>
DDNS 密码	***** <input type="text"/>
DDNS 域名	wp3516.3322.org <input type="text"/>
DDNS 状态	3322 成功 http://wp3516.3322.org:81 <input type="text"/>

如本设置位于中国大陆或香港地区, 应设置代理服务器



DDNS 服务: write the web address for the domain application

DDNS 用户: write the domain you would like to apply

DDNS 密码: write the pass word for the domain

DDNS 状态: show the status of the domain

You need to set this function to allow the visit from internet.

Choose and click **设置** to save it, click **刷新** after 10 seconds to see the DDNS update status.

Notes: To apply free DNS user instruction please refer to the instruction on the web or contact the customer service department of the supplier. To start the DDNS, you need to set the port mapping in Router: to mapping the HTTP port number out through the router, detailed operations please regard to profiles for port mapping.

3.5 PTZ configuration

Click **PTZ 设置**, you will see as below:



禁止预置位: the function for presetting disabler when start the device

启动时对准预置位: there are 16 presetting position for you to choose, start the device and point to the position you want to set, if you forbid it, the device will default to make it middle when start it.

PTZ 速度: adjust the PTZ speed

巡航圈数: set the number of turns for cruising up and down or right and left.

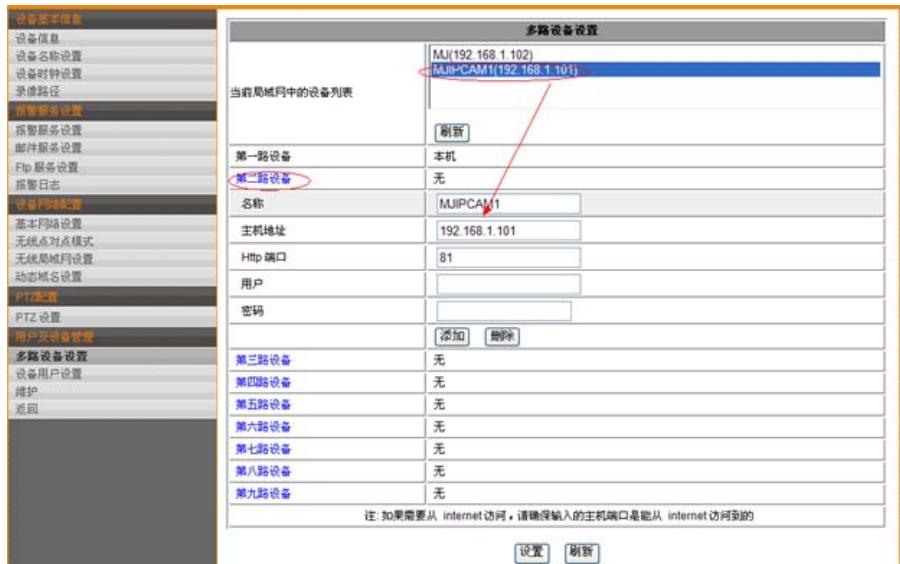
3.6 User and device management

3.6.1 Multichannel device setting

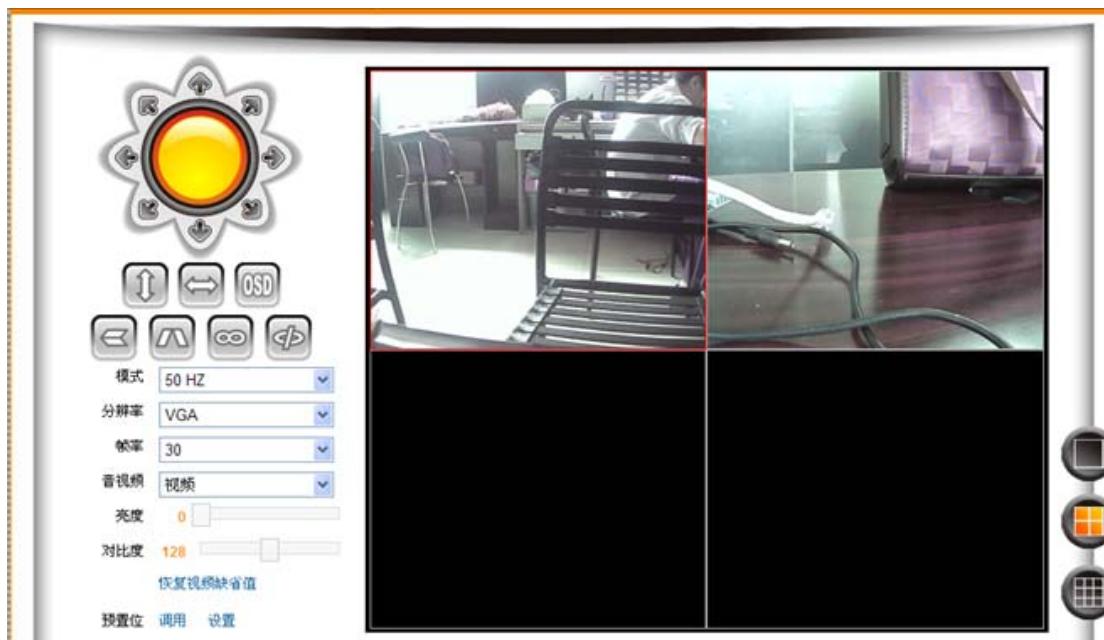
Click **多路设备设置**, you will see as below, you could set at most 9 images

Example: add the second device:





Type in the user ID and pass word then click **添加** (Add), then click **设置** (Set) to save it. Then you could watch the image from the second device.



3.6.2 device user setting

Click **设备用户设置**, you will see as below:



The device could set at most three user: administer, visitor and operator

Administrator: have the authority to set, could do every operation

Operator: have every authority except set the device parameters

Visitor: could only watch and switch the image

3.6.3 Maintenance

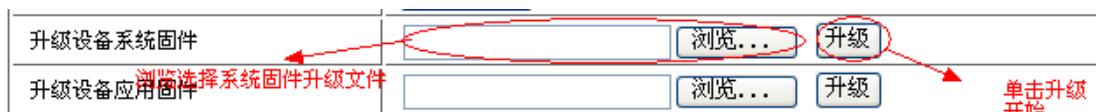
Click **维护** to get in the maintenance interface like below:



Click **恢复出厂设置**, the device would restart and renew to the defaulted setting from factory

Click **重启设备**, the device would restart, will not change the parameters of the device.

Update the device system:



Update the device app system:



Notes: Do not outage when updating, otherwise would cause system crash and the device could not use as normal.

3.6.4 Back

Click  button, the device would back to the main monitor interface.

FCC Statement

This device complies with part 15 of the US FCC Rules and Regulations. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the US FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio-frequency energy and, if not installed and used in accordance with these instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna;
- Increase the separation between the affected equipment and the unit;
- Connect the affected equipment to a power outlet on a different circuit from that which the receiver is connected to;
- Consult the dealer and/or experienced radio/TV technician for help.

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

EU Regulatory Conformance

As certified by the qualified laboratory, the product is in compliance with the essential requirements and other relevant provisions of the Directive 1999/5/EC. Please note that the above information is applicable to EU countries only.

CE2280