

Wired/Wireless IP Camera

Quick Installation Guide

(IE Browser)

Model: APM-J602-WS-IR





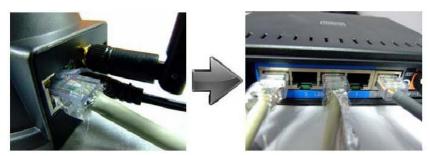
Silver

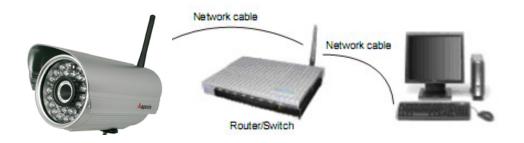
Purple

Shenzhen Apexis Electronic Co., Ltd.

Step 1: Hardware Installation.

- 1. Install the Wi-Fi antenna.
- 2. Plug the power adaptor into camera.
- 3. Plug the network cable into camera, the other side to the router/switch.





Step 2: Software Installation.



Install the follow software:

- 1. IP Camera Tool: Open the CD, click "IPCamSetup.exe"—"Next"—"Next"—"Close".
- 2. ActiveX: Click "Appinstall.exe"—"Next"—"Install"—"Finish".



After this done, the icon "IP Camera Tool" ^{IP Camera Tool} will be displayed on desktop.



Step 3: Real-time Video Demonstration.

1. Login:

Double click "IP Camera Tool" icon on desktop, search the IP address, choose the one of your camera, double click to go to IE login interface.

Default username: admin

Password: no password.

🎥 IP Camera Tool		Windows Security	X
Anonymous Anonymous Anonymous Anonymous Anonymous 1234567 12p 23456	Http://192.168.1.178 Http://192.168.1.165.166 Http://192.168.1.101 Http://192.168.1.125 Http://192.168.1.125 Http://192.168.1.125 Http://192.168.1.125 Http://192.168.1.125 Http://192.168.1.124 Http://192.168.1.124 Http://192.168.1.102 Http://192.168.1.45 Http://192.168.1.118	The server 192.168.1.104 at ipcamera_000635489755 requires a username and password. Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection).	
		User name Password Remember my credentials	2

2. Choose the language.

English, Chinese, Spanish, Korean, German, French, Italian, Portuguese optional.

Language English 🛛 💌	
Languages	ActiveX Mode (For IE Browser)
	Sign in Click here, visit on IE browser
Server Push	Mode (For Safari,FireFox, Google Browser)
	Sign in Firefox, Google chrome browser via server push mode
VLC mode (fo	or IE, Safari, FireFox, Google, Opera browser)
	Sign in Click here, visit on VLC mode
	Sign in mobile phone
	attention:
	case sensitive
	propose using 1024 * 768 screen resolution

3. Choose the work mode.

IE browser: choose ActiveX mode.

Safari, Firefox, Google chrome browser: Server push mode/ VLC mode.. Mobile phone: sign in mobile phone mode.

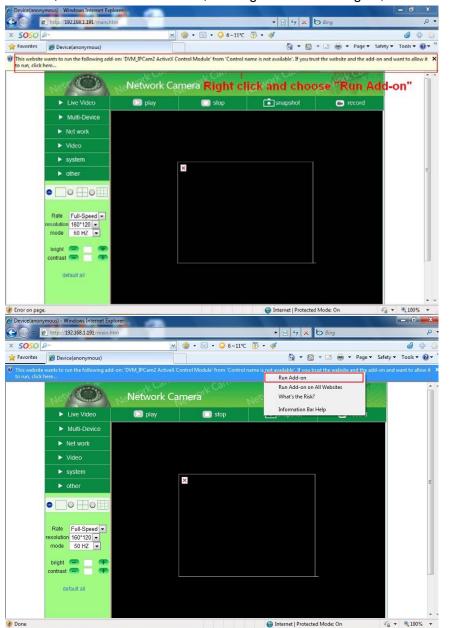
More Security, More Convenience <u>www.apexis.com.cn</u> / <u>www.apexis.cc</u>

4. Sign in.

Click Sign In, then can get video on real-time.

Q1: No pictures problem with ActiveX Settings for IE Browser

If use IE browser to connect the camera for the 1st time, maybe there is no image displayed, there will be an ActiveX prompt, please click the prompt and choose **Run Add-on**, refresh the IE interface, and login the camera again, then will see live video.



If there is still no live video after run ActiveX, please try to enable the ActiveX options of IE security settings, please do the follow steps:

- 1. Close the firewall of your computer.
- 2. Change the ActiveX settings, "IE" browser > "Tool" > "Internet Options" >

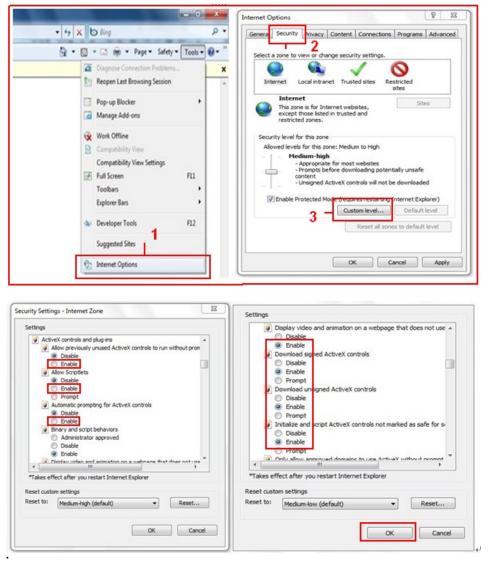


"Security"> "Custom Level" > "ActiveX control and Plug-ins", all the ActiveX options set to be "Enable": Especially:

Enable: Download unsigned ActiveX controls

Enable: Initialize and script ActiveX controls not marked as safe

Enable: Run ActiveX controls and plu-ins



Addition: you can also click "start" menu->"Internet Explorer", choose "Internet attributes " to enter, or via "Control Panel" ->"Internet Explorer", enter to Security setting.

In

3. If there is still no image, please close your anti-virus software, and then try step 1 & 2 again.

Q2: How to do Wireless Settings

- 1. Make sure the router is a wireless router.
- 2. Make sure the Wi-Fi antenna installed.
- 3. Make sure whether there is encryption of the WLAN of router, if there is encryption, keep the key.
- 4. Login the camera, click "Network">"Wireless Lan Settings">"Scan", please scan

More Security, More Convenience www.apexis.com.cn / www.apexis.com.cn

2 times, then you will find the WLAN from the list, choose the one you use.

- 5. If there is no encryption, just click "Submit", if there is encryption, please input the key, then click "Submit".
- 6. Wait about 30 seconds, the camera will reboot, then unplug the network cable.

Live Video	o 🖸 🖸 pla	iy 🛛	🔲 stop	snapshot 💼	📾 record		
Multi-Dev	ce	-0					
► Net work	Basic Network Setting	15		Wireless Lan Settings 123[002586745b2c] infra WEP			
► Video	Wireless Lan Setting		ChinaN	4 ChinaNet-RCJZ[00255e1dc55a] infra WPA/WPA [100258637ee26] infra None zhonglian[0025862c0bee] infra WEP			
 system 	ADSL Settings 2	List	zhonglia				
other	UPnP Settings DDNS Service Setting	15 n	3 - Scan				
	SSID		5 - 1				
	Network Typ	•	200	~			
and the second sec	Rate Full-Speed M Encryption		None				
mode 50 HZ			6 - Submit	Refresh			

	Wireless Lan Settings
Wireless Network List	123[002586745b2c] infra WEP ChinaNet-RCJZ[00255e1dc55a] infra WPA/WPA 1[00258637ee26] infra None hybf[001478661226] infra WEP
Using Wireless Lan	
SSID	ChinaNet-RCJZ
Network Type	Infra 💌
Encryption	WPA Personal (TKIP)
Share Key	

Q3: How to use DDNS

1. Login the camera:

Click "Network">"DDNS Service Settings".

Net work		DATE	DDNS Service Settings	
	Basic Network Settings	DNS		
Video	Wireless Lan Settings	omain	e0254.aipcam.com	
	ADSL Settings			
system	UPnP Settings		None	
other	DDNS Service Settings		Submit Refresh	



2. Choose the DDNS, there are 2 options:

Manufacturer's DDNS: This domain is provided by manufacturer.

Third Party DDNS: This domain is provided by the 3rd party, such as Dyndns, Oray, 3322 etc.

	DDNS Service Settings
Manufacturer's DDNS	
Manufacturer's Domain	e0254.aipcam.com
Third Party DDNS	
DDNS Service	None
	S None Oray.net DynDns.org(dyndns) DynDns.org(statdns) DynDns.org(custom) 3322.org(dyndns) 3322.org(statdns)

Third Party DDNS

If you use third party DDNS, please choose the server you use, such as "3322.org" or "dyndns.org" as below:

	DDNS Service Settings
Manufacturer's DDNS	
Manufacturer's Domain	e0254.aipcam.com
Third Party DDNS	
DDNS Service	DynDns.org(dyndns) 💙
DDNS User	ipcamdemo
DDNS Password	•••••
DDNS Host	ipcamdemo.dyndns.org
DDNS or Proxy Server	
DDNS or Proxy Port	
Re-Update Ignoring All Errors	never do this unless your hostname has been unblocked
proxy config is nee	eded if the device is in China Mainland or HongKong
	Submit Refresh

More Security, More Convenience <u>www.apexis.com.cn</u> / <u>www.apexis.cc</u>

	DDNS Service Settings
Manufacturer's DDNS	
Manufacturer's Domain	e0254.aipcam.com
Third Party DDNS	
DDNS Service	3322.org(dyndns)
DDNS User	ipcamdemo
DDNS Password	•••••
DDNS Host	ipcamdemo.3322.org
	Submit Refresh

You have to register an account firstly, keep the user, password, host, then fill in it.

Note: Only one DDNS can be chosen, for example, if you use manufacturer's DDNS, the 3rd one won't work, if use the 3rd DDNS, the manufacturer's one won't work.

3. Change the camera's port.

The default port of camera is **"80**", please change **"80**" to any other one you like, such as **"81**", **"100**", **"8091**" etc.

Click "**OK**", the camera will reboot, wait about 30 seconds.

Anonynous Anonynous	Http://192.16 Http://192.16	Demo Network C	onfiguration 🛛 🔀
Anonynous Deno	Http://192.16 Http://192.16	🗍 Obtain IP from	DHCP server
Demo	Http://192.16	IP Address	192 .168 . 1 .113
		Subnet Mask	255 .255 .255 . 0
		Gateway	192 .168 . 1 . 1
		DNS Server	192 .168 . 1 . 1
		Http Port	8901
		Vser	admin
		Password	
		OK	Cancel

Make sure the "Subnet Mask", "Gateway", "DNS Server" is the same as your router.

4. Set Port Forwarding in the router.

This is the most important step. Set port forwarding in router refer to the IP of your camera correctly, then the DDNS will work. Because there are so many kinds of routers from all over the world, so it's difficult to show a fix steps, but there are some samples of different routers' port forwarding settings as below, just for reference:

TP-LINK:

(1) Login the router.



ern

- (2) Choose "Forwarding", select "Virtual Servers"
- (3) Click the Add New button, pop-up below:

Add or Modify a Virtual Server Entry

Service Port:	(XX-XX or XX)	
IP Address:		
Protocol:	ALL	
Status:	Enabled •	
Common Service Port:	-Select One-	
	Save Return	

Fill the service port (**except 80**), IP address of the camera, then click Save The port and IP address should be the same as Camera.

BELKIN:

- (1) Login the router.
- (2) Choose "Firewall", select "Virtual Servers"
- (3) Input the port (except 80) and IP address, then click save.

Note: The port and IP address should be the same as Camera.

BELKIN.	Router Setup						Home Help	Logout In
LAN Setup LAN Settings DHCP Client List Static Routing Internet WAN Connection Type	This function						ver (port 80), FTP <mark>ifo</mark>	
	Add Active W	orlds		~			Add	
MAC Address Cloning	Clear entry	~				1	Clear	
Wireless Channel and SSID		Enable	Description	Inbound port	Туре	Private IP address	Private port	_
Security Wi-Fi Protected Setup Guest Access	1		IPCAM	101	BOTH 💌	192.168.2. 56	101	
Use as Access Point QoS	2				вотн 💌	192.168.2.		
QoS Profiles Traffic Statistics	3				BOTH 💌	192.168.2.		
Firewall Virtual Servers	4				BOTH 💌	192.168.2.		
MAC Address Filtering Access Control	5				вотн 💌	192.168.2.		
	6				вотн 💌	192.168.2.		
WAN Ping Blocking Security Log Utilities	7				вотн 💌	192.168.2.		
Restart Router Restore Factory Defaults	8				вотн 💌	192.168.2.		
Save/Backup Settings Restore Previous Settings	9				вотн 💌	192.168.2.		
	10				BOTH 💌	192.168.2.		

More Security, More Convenience <u>www.apexis.com.cn</u> / <u>www.apexis.co</u>

DLINK:

- (1) Login the router.
- (2) Choose "Advanced", select "Virtual Servers"
- (3) Input the port, IP address, Protocol, then click save.

Note: The "public port" & "private port" should be the same as camera's port, choose the protocol to be "**both**".

D-Lini	K						\prec
DIR-601		SETUP	ADVANCED	TOOLS		STATUS	SUPPORT
VIRTUAL SERVER	VIR	TUAL SERVER					Helpful Hints
PORT FORWARDING	The	Virtual Server opti	ion allows you to define a s	ingle public port	on your rout	er for redirection	Check the
APPLICATION RULES			ddress and Private LAN po FTP or Web Servers.	rt if required. Thi	is feature is i	useful for hosting	Application Name drop down menu for a
QOS ENGINE	UTINI	e services such as	FIF OI WED Servers.				list of predefined
NETWORK FILTER		Save Settings	Don't Save Settings				server types. If you select one of the
ACCESS CONTROL							predefined server types, click the arrow
WEBSITE FILTER	24 -	VIRTUAL SI	RVERS LIST				button next to the
INBOUND FILTER				Port	Traffic Type		drop down menu to fill out the corresponding
FIREWALL SETTINGS		Name		Public Port	Protocol	Schedule	field.
ROUTING		rivomaxcam	<< HTTP +	81	Both 👻	Always 👻	You can select a
ADVANCED WIRELESS		IP Address		Private Port		Inbound Filter	computer from the list of DHCP clients in the
ADVANCED NETWORK		192.168.0.107	< Computer Name -	81	256	Allow All 👻	Computer Name drop down menu, or you
IPV6		Name		Public Port	Protocol	Schedule	can manually enter the
			Application Name -	0	TCP 🔻	Always 👻	IP address of the LAN computer to which
		TD Address		Private Port		Inbound Filter	you would like to open the specified port.
		IP Address 0.0.0.0	< Computer Name -	0	6		
		Name	Computer malile	Public Port	Destand		Select a schedule for when the virtual server
		Name	Application Name		Protocol TCP -	Schedule Always 🔻	will be enabled. If you do not see the
				Private Port		Inbound Filter	do not see the schedule you need in

After all these 4 steps done, then you can use the DDNS freely, check the DDNS status from the camera as below, and get the link of DDNS for internet view.

Step: "Login">"System">"Device Info":

Live Video	🖸 play	🔲 stop	i snapshot	🛋 record	
Multi-Device					
Net work	Device Status				
	Device ID	00000025	00000256720		
Video	Device Firmware Version	17.25.2.3	17.25.2.30		
▼ system	Device Embeded Web UI V	Embeded Web UI Version 20.8.3.30			
	Alias	Test	Test		
other	Alarm Status	None	None		
	DDNS Status	3322 Suc	3322 Succeed http://jerryjwb.3322.org:128		
	UPnP Status	UPnP Succeed			
Rate Full-Speer		Refr	esh		
Live Video	🗈 play 🔲 stop 💼 snapshot 🛋 record				
Multi-Device					
No Mark Cold	Device Status				
Net work	Device ID	00606E8.	00606E8AF1C9		
Video	Device Firmware Version	17.25.2.3	17.25.2.30		
▼ system	Device Embeded Web UI V	Version 20.8.3.30	20.8.3.30		
► other	Alias	demo	demo		
			None		
	Alarm Status	None			
	Alarm Status DDNS Status		om Succeed http://a5618.ai	pcam.com:191	
●□●⊞●⊞			•	pcam.com:191	

Q4: How to know the WAN IP of the device.

1. From internet.

If you want to know the WAN IP of your device, please go to http://www.whatismyip.com. You will find the current WAN IP of your device.



2. From router.

You can also get the WAN IP address from your router.

Q5: How to register a third party DDNS account

For example, you can go to Dyndns website to register a free account. http://www.dyndns.org / http://www.dyndns.com.

1. Click Sign up FREE.



2. Choose Sign Up under FREE.



3. Do the follow steps:

My Account	Add New Hostname				
My Services					
Dynamic DNS Pro	You don't currently have a Dynamic DNS Pro service in your account.				
Internet Guide					
SLA	To get the full benefits of Dynamic DNS, including premium subscriber domains and other features, add Dynamic DNS Pro to				
Premier Support	your shopping cart a (or try it with \$1.99 monthly subscription).				
Zone Level Services	Fill in a name you want Choose dyndns.org here				
Domain registration and transfer, DNS hosting, MailHop					
services	Hostname: ipcamera · dyndns.org				
Host Services	Wildcard: create "*.host.dyndns-yourdomain.com" alias				
Dynamic DNS hosts, WebHop URL Forwarding	only for DynDNS Pro users (for example to use same settings for				
	www.host.dyndns-yourdomain.com)				
Dynect SMB	Service Type: () Host with IP address				
MailHop Outbound	WebHop Redirect (URL forwarding service)				
SSL Certificates	O Offline Hostname				
Renew Services					
Auto Renew Settings					
Sync Expirations	IP Address: 183.16.183.45 Click here to get the IP address				
Account Settings	Your current location's IP address is 183.16.183.45				
-	TTL value is 60 seconds. Edit TTL				
Billing					

Cart	Mail Routing: I have mail server with another name and would like to add MX hostname				
G	What do you want to use this host for? Select services and devices you would like to use with this hostname.				
	Work From Home Office or VPN:				
)yn	vpn remote file access remote desktop mail server web server				
	chat server ftp backup ssh database voip				
	Hosting and Design For Web Sites and Blogs:				
	blog gallery wiki portfolio ecommerce web page				
	Remote Access For Devices:				
	dvr webcam data storage cctv printer alarm and security				
	thermostat weather station game server home automation				

Then choose Add to Cart.

4. Set the username and password as below:

Create account or log in to continue:

Username:	ipcamerademo	Already Registered?				
Password:	•••••	Username				
Confirm password:	•••••	Password				
Email:	tech@ipcamerademo.com	Log in				
Confirm email:	tech@ipcamerademo.com	Forgot your password?				
Subscribe to:	 DynDNS.com newsletter 					
	(1 or 2 per month)	-				
	Dyn Inc. press releases	TRUSTe				
	□ Remove HTML formatting from email 1	CERTIFIED PRIVACY				
Security Image:						
Enter the numbers from 13317	m the above image:					
I agree with the acceptable use policy (AUP) and privacy policy.						
3	Create Acc	ount 4				

After these settings have been done, it will send an email to your mailbox to active this account.

5. Please login your email box, and open the active link you get by email, then it will go to the activate page to get this account active.

You will get all the details of your DDNS, such as hostname, WAN IP address etc.

Thanks for your support and attention, for further operation details, please check the full version user manual of our IP Cameras!