

# **Quick Installation Guide**

(For Windows OS)

## Indoor Pan/Tilt/Zoom IP Camera

Model: M801W





## **Package Contents**

- IR IP Camera M801W
- Power Adapter 5V-2.0A
- Network Cable
- WiFi Antenna (Wireless Version M801W)
- CD-ROM with Setup Software and User Guide

# **Quick Installation Diagram**



## **Start Installation**

## 1. Hardware Installation

## ①Step 1, Mount Bracket and WiFi Antenna,

Open the package, and take out the camera out of the box carefully and put it on a table steadily, then take the WiFi antenna, mount it on the SMA connector on the back of the camera, screw the antenna to the bottom, and make the antenna stand vertically.



Fig.1.1 Open the box



Fig.1.2 Mount the WiFi antenna

#### **2**Step 2, Get the camera powered

Connect the power cable to the socket of DC Jack, and get the camera powered.

#### **③Step 3, Get the camera connected to the router**

Use the network cable provided to connect the camera to the router or the switch in the LAN network at your home or your office.

### Note

When configuring the camera for the first time, you need to use wired connection method. You have to do the wireless connection settings by wired connection before you use wireless connection method.

## 2. Software Installation

(1)**Step 1**, Insert the Setup CD-ROM into your CD-ROM driver and open it. Close the IE browser before you install the setup software.

(2)**Step 2,** Goes to the file" **IP Camera Tool** ", and double click the software" **IPCamSetup\_Windows OS**" to install, it pops up a window as below(Fig.2.1), Just click button "**Next**" to finish the installation.



Fig2.1 Click Next, next to continue the installation



Fig2.2 Click Close to finish installation, and get computer restarted



When the Software installation is completed, there will be a shortcut on the desktop.

### 3. Login the Camera

#### ①Step 1, Double click the Icon of IP Camera Tool on the desktop

After hardware & software installations are finished, goes to the desktop of your computer, double click the icon of IP camera Tool,, and it will pop up a window showed as Fig.3.1.



Http://192.168. 1.34	
	Http://192.168. 1.34

#### Fig3.1 IP Camera Tool Window

IP Camera Tool is able to detect the camera which is connected to the router, and it will list the LAN IP address of the camera on the window. The LAN IP of the camera is assigned by the router automatically.

## 2 Step 2, Double click the LAN IP address on the window

Double click the LAN IP address of the camera, it pops up a login window of the camera (Fig3.2)

P/Network Video Surve	illance Camera Derican
ect Language English Spanish Deutsch French	Italian Polski 简体中文 繁体中文 www.dericam
IE ActiveX Mode	Server Push Mode
User Login	User Login
User	User
Password	Password
Submit	Submit
Note	
Plase note that there are two login methods, One is IE ActiveX IE ActiveX Mode if rou are using IE browser, or else please cho video of the camera at first time by IE browser succefully	X browser, the other one Server Puch Mode for Safari, Firefox, Google Chrome. Please choose cose Server Push Mode. You need to install the ActiveX controller if you wanna access the
Any problems during installation please refer to the reseller	or dericam for help.Dericam provide technical support by email tech@dericam.com

Fig3.2 Login window of Dericam Camera M801W

### **③Step 3, Select the language you need**

IP/Network Video Surveillance Car	nera Dericam
Select Language English Spanish Deutsch French Italian Polski 简体中文	繁体中文 www.dericam.net
IE ActiveX Mode Select the Language Bar As you like you can swtich between them	r Push Mode

Fig3.3 Click the language bar, to select the language you need.

### (4) Step 4, Login the camera with default user name & password

IP/Network Video Surveilla	ance Camera Dericam
Select Language English Spanish Deutsch French Italian	Polski 简体中文 繁体中文 www.dezicam.net
IE ActiveX Mode	Server Push Mode
User Login	User Login
User admin	User
Password	Password
Submit	Submit

Fig3.4 Enter user name: admin, no password, and click Submit

### Note

# There are two login methods. One is IE ActiveX Mode, the other is Server Push Mode for Safari, Firefox, Google Chrome. Please choose IE ActiveX Mode if you are using IE browser now.

Enter user name: admin, no password, and click Submit. **Congratulations!** You have succeeded in accessing in the camera by wired connection. Just leave all the menus alone before you finish the quick installation.



Fig3.5 Surveillance Window Copyright @ Shenzhen Dericam Technology Co., Limited

## 4. Wireless Connection Settings

# ①Step 1, Click <u>For administrator</u> on the left bottom of the surveillance windows, and goes to the option Wireless LAN Settings

Dericam		M801W Indoor Pan/Tilt/Zoom IP Camera				
Device Info						
Date&Time Settings		Wireless Lan Settings				
Users Settings		[001b2f062094] infra None				
Basic Network Settings		İmdkj[0021274633a0] infra WEP				
Wireless Lan Settings	Wireless Network List	DRK[0025864b8ce0] infra WEP				
ADSL Settings		NETGEAR-HUILONGGUAN[UU1b2f56729e] Infra				
UPnP Settings		Scan				
DDNS Service Settings	Using Wireless Lan	Click 'Scan' button more than				
Mail Service Settings		twice, until it search out the				
FTP Service Settings	Left Click Here	SSID of your router, and then				
Alarm Service Settings		choose the SSID belgongs to				
Upgrade Device Firmware		your wireless router.				
Barling & Barton Cattlerer						



### ②Step 2, Click Scan button more than twice to search the SSID of the wireless router

Please make sure you click scan to search for more than twice, all the SSID of routers nearby will be list on the small window showed as Fig4.1.

### **③Step 3, Select SSID and fill in wireless security keys**

Select the SSID belongs to your router, and enter wireless security key password, and click set to finish the wireless setup. The camera will restart after the setup is done, **Please unplug the network cable once the camera gets restarted, let the camera make wireless connection by itself**. Do not shut down power during restart.

# Dericam

### M801W Indoor Pan/Tilt/Zoom IP Camera

Device Info								
Date&Time Settings	Wireless Lan Settings							
Users Settings				[[001h2f	1620941 infra None			
Basic Network Settings	Wireless Network List			Imdki/0021274633a0] infra VVEP				
Wireless Lan Settings				ORK[0025864b8ce0] infra WEP D				
ADSL Settings				NETGEAR-HUILONGGUAN[001b2f56729e] infra				
UPnP Settings				Scan Choose the SSID which belgongs to				
DDNS Service Settings	Using V	Wireless Lan			vour wireles	s router		
Mail Service Settings	COMP (MICROS PAI)							
FTP Service Settings	2210		URK					
Alarm Service Settings	Encryption		WEP		~			
Upgrade Device Firmware	Authetication		Open Sy	ystem 🔽	Enter the correct			
Backup & Restore Settings	Key Fo	rmat		Hexade	cimal Number 🔽	security keys of your		
Restore Factory Settings	Default	TVVer		1		wireless router		
Reboot Device	Delauli	ПЛКЕУ	_	<u> </u>				
log	Key 1	Click 'Set' to submit		dericam1218		64 bits 🚩		
Back	Key 2	wireless settings, the				64 bits 💌		
	Key 3	camera will restart				64 bits 💌		
	Key 4		_			64 bits 💌		
		L	- (	Set]	Refresh			

Fig4.2 Wireless LAN Settings

#### **(4)**Step 4, Wait for the camera getting wireless connection

The LAN IP address will disappear on the window of IP Camera Tool when the camera gets restarted. Just wait for around 1 minute, the camera will get wireless connection, and the LAN IP of the camera will be showed again on the window as Fig4.3. **Congratulations!** You have done wireless connection of the camera successfully.

📴 IP Camera Tool		
Anonynous	Http://192.168. 1.35	

#### Fig4.3 Wireless LAN Settings

The LAN IP of wireless connection could be increased by 1, compared to LAN IP of wired connection, for example the IP of wired connection is previously 192.168.1.34, and the IP of wireless connection could be 198.168.1.35, because the camera obtains IP address via DHCP server of the router.

#### Note

If you failed to make wireless connection, please refer to Dericam FAQ List.

## 5. Remote Access Settings

We have been able to access the camera within the LAN network, but how to access the camera via WAN or via internet? We have to do Remote Access Settings before we want to access the camera outside the LAN network.

#### 1) Default HTTP No.: 80

All the cameras' default http no. is 80. For example, if the LAN IP link of the camera is <u>http://192.168.1.35</u>, it says that the camera's http port no. is 80, if the LAN IP link of the camera is <u>http://192.168.1.35</u>, it says that the camera's http port no. is 88. **Port 80 could be blocked when accessing via internet, we need to change port 80 to another one like 88, or 85 as you like**, which will not be conflict with other existing ports like 25, 21.

#### 2) Change the default http no.80 to another one like 88, or 85 etc.

#### How to assign a different HTTP Port No. and fixed the LAN IP of the camera by the IP Camera Tool.

<u>Firstly</u>, open the **IP Camera Tool**, select the camera you want to change the port no. right click on the IP address link, and goes to Option "**Network Configuration**", it pops up another dialogue showed as Fig5.1, Fig5.2.



#### Fig5.1 Goes to Option Network Configuration

nymous	Anonymous Networ	k Configuration 🛛 🔀	
	🗌 Obtain IP from	DHCP server	
	IP Address	192 .168 . 1 . 35	
	Subnet Mask	255 .255 .255 . 0	
Modify from 80	Gateway	192 .168 . 1 . 1	
10 00	DNS Server	202 . 96 .134 . 33	
	(Http Port	88	
Enter user name & password of The	Øser Password	admin	
Administrater and click Ok	OK	Cancel	

Fig5.2 Change the http port no. of the camera

<u>Secondly</u>, enter User name & password of the Administrator (default user: admin, no password), and click the button "OK" to apply the modification. The Camera will restart one the modification is done.

Thirdly, after the camera restart and get connected again, you will find the LAN IP link address has been change to <u>http://192.168.1.35:88</u>, and the LAN IP address is fixed at <u>http://192.168.1.35:88</u>. It won't be changed no matter you re-power the camera or re-power the router.

Http://192.168. 1.35: 88	
	Http://192.168. 1.35: 88

## **Get Started Remote Access Settings**

First of all, please make sure whether your ISP (Internet Service Provider) provides a Static WAN IP address service or a Dynamic WAN IP address service.

Note

We divide two sections of Remote Access Settings by Static WAN IP Service and Dynamic WAN IP Service.

If your ISP provides Static WAN IP Service please go to Section A (Page 9).

If your ISP provides **Dynamic WAN IP Service** please go to **Section B** directly (Page 10).

## Section A: Remote Access Settings -- Static WAN IP Service

#### ① Step 1, Get to know the WAN IP address of the router

Login the third party website <u>http://www.whatismyip.com</u> to obtain the WAN IP of the router. Then it will tell you the WAN IP address of your router showed as below. See examples as Fig5.3, it shows the WAN IP of the router is **183.37.19.183** 



Fig5.3 Get to you the WAN IP address of the router

#### **②** Step 2, Make Port Forwarding of the HTTP Port of the camera

#### What is port forwarding?

If you have no concept of Port Forwarding, please open the webpage <u>http://portforward.com/help/portforwarding.htm</u> to learn some knowledge of Port Forwarding.

#### How to do port forwarding within the router

#### Example: The camera's LAN IP address is http://192.168.1.35:88 ,

Firstly, login the router, goes to the menu of Port Forwarding or Port Trigger (or named Virtue Server on some brands of router). Take Linksys brand router as an example, Login the router, and goes to Applications & Gaming->Single Port Forwarding.

<u>Secondly</u>, Create a new column by LAN IP address & HTTP Port No. of the camera within the router showed as below.

LINKSYS <sup>®</sup> by Cisco							
Applications 8					Wireless-N	Home Router	WRT120N
Gaming	Setup Wire	eless Securi	ity Acce	ss Restrictions	Applications Gaming	& Administration	Status
	Single Port Forward	ng Port Kange	rorwarding	Pon Kange Inggel	ning	DIVIZ	905
Single Port Forwarding							
Application Name	External Port	Internal Port	Protocol	To IP Address	Enabled	Hele	
None 💌				192.168.1 .		neip	
None 💌			· · · · · · ·	192.168.1			
None 💌		32223	3	192.168.1 .			
None 💌				192.168.1 .			
None 💌		26 <u>222</u> 2		192.168.1 .			
Dericam	88	88	Both 💌	192.168.1 35		Fill the LAN IP camera here in	of the ust input
			Both 💌	192.168.1 .		the last section	35.
Assign a name as you like here	fill the port	no. 88 of the the column of	Both 🔽	192.168.1			
<u> </u>	External an	d Internal Port	Both 💌	192.168.1			
			Both 💌	192.168.1 .			

#### Fig5.4 Make port forwarding within the router

www.dericam.net

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#### ③ Step 3, Use the WAN IP address to access the camera via internet

After the port forwarding settings is finished, you can use the <u>WAN IP address + HTTP Port</u> to access the camera via internet. Take 183.37.19.183 for example, the accessing link of the camera via internet would be <u>http://183.37.19.183:88</u>

#### How to test if the link is working

Just enter http://<u>WAN IP address + HTTP Port</u> on the IE bar or sent the link http://<u>WAN IP address + HTTP Port</u> to your friend to have a test, and check if the link is accessible.

## Section B: Remote Access Settings -- Dynamic WAN IP Service

#### ① Step 1, Go to the website <u>www.dyndns.com</u> to create a free hostname

Login on <u>www.dyndns.com</u> and click 'get a free domain service', and click Sign up free. Create a **hostname**, a **user name** and **password** which are used to **DDNS Service Settings** within the camera.

#### Please apply the account step by step according to instructions on <u>www.dyndns.com</u>)

		NS.com			DN5 & Domains	Email Services are you looking	Performance & S g for? 5	ecurity Searc
	Why DynDNS.com?	Services & Pricing	Support				Have an account?	s
Then click here to sign up	The Best Thi Start now by registering yo than 3.8 million home and services, including free reg can also safeguard your er Sign up FRE	ngs In Life Are	com. DynDNS.com suite of comprehens once you've set up Internet, and much	provides more iwe domain our domain, you more.	Add New Hostname: Wild.ard: Service Type: IP Address: TI.	youhost youho	ndha org 🖉 domain' to same rettrigs. est XS value	•
rst _	Get a FREE Domain Name	Step up to Dynect SMB	Unlea	sh the Power of DNS	Protect and spe your intern	ed up et	Safeguard y Email	your

#### Fig5.5 Register a user name on www.dyndns.com

Why DynDNS.com? Services & Pr	ing Support	Have an

Get a free domain name and join 3,500,000 happy DynDNS users

Most Popular				
DynDNS Free	DynDNS Pro	DynDNS Custom		
FREE	\$15 <sub>/yr</sub>	\$29 <sup>,95</sup> /yr		
Get a free domain name	Up to 30 Pro domain names	DNS hosting for yourdomain.		
Update monthly to avoid expiration	Never expires, just works	Branded URL-shortening with W		
Use with Windows, OSX, routers & more	also works with TSIG clients	also works with Apple AirPort &		
Free email and community support	Access to phone technical support	Access to phone technical su		
Sign Up	Sign Up	Sign Up		

Fig5.6 Register a user name on <u>www.dyndns.com</u> Copyright @ Shenzhen Dericam Technology Co., Limited

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#### 2 Step 2, DO DDNS Service Settings within the Camera

Please set **DDNS Service Settings** within the camera by **hostname**, a **user name** and **password** you've got from <u>www.dyndns.com</u>

Take hostname dericam.dyndns.org, user name derciam, password dericam2010 for example.

Firstly, goes to option of DDNS Service Settings on the administrator panel.

Secondly, select DynDns.org(dyndns) as a server showed as Fig5.7.

<u>Thirdly</u>, fill dericam as DDNS user, fill password dericam2010 as DDNS password, fill dericam.dyndns.org as DDNS domain and server URL, Then click save to make effect. The camera will restart and to take the DDNS settings effective.

Dericam		M801W Indoor Pan/Tilt/Zoom IP Camera				
Device Info	Select Server DynDns.org(dyndns)					
Date&Time Settings	DDNS Service Settings					
Users Settings	DDNS Service	DynDns.org(dyndns) 🗸				
Basic Network Settings	DDMC Hase	device on				
Wireless Lan Settings	DDIAS OSE	dericam				
ADSL Settings	DDNS Password	•••••				
UPnP Settings	DDNS Host	dericam.dyndns.org				
DDNS Service Settings	Re-Update Ignoring All Errors	Never do this unless your hostname has been unblocked				
Mail Service Settings						
FTP Service Settings	Click the option	Set Refresh				
Alarm Service Settings	DDNS Service	Fill in the DDNS user: Password and the domain				
Upgrade Device Firmware	Settings	name:dericam.dyndns.org				
Backum & Pectare Settings		(				

Fig5.7 DDNS Service Settings

**Fourthly**, after the restart, login the camera, and go to option of **Device Info** on the administrator panel, and check if the DDNS status is successful showed as Fig5.8. If failed, please double check if you have input the correct hostname, user name, and password, and try to redo the settings.

Dericam	M801W Indoor Pan/Tilt/Zoom IP Camera						
Device Info	Go to option'Device Info' to check the status of the DDNS settings						
Date&Time Settings	Device Status						
Users Settings	Device ID		00A100920035				
Basic Network Settings	Device Firmware Version		0 22 2 19				
Wireless Lan Settings			0.44.4				
ADSL Settings	Device Embeded Web UI Version		2.4.1.1				
UPnP Settings	Alias		Anonymous				
DDNS Service Settings	Alarm Status		None				
Mail Service Settings							
FTP Service Settings	DDNS Status		DynDns Succeed http://dericam.dyndns.org;82				
Alarm Service Settings	UPnP Status		No Action				
Upgrade Device Firmware	If all the parameters of <b>E</b>	DNS set	ttings were put correctly, here it wil say				
Backup & Restore Settings	DynDns Succeed + the	internet	domain link address of the camera				
Restore Factory Settings	( .		)				

Fig5.8 Check the status of the dynamic domain name

www.dericam.net

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#### ③ Step 3, Make Port Forwarding of the HTTP Port of the camera

#### What is port forwarding?

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#### How to do port forwarding within the router

#### Example: The camera's LAN IP address is http://192.168.1.35:88 ,

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<u>Secondly</u>, Create a new column by LAN IP address & HTTP Port No. of the camera within the router showed as below.

LINKSYS <sup>®</sup> by Cisco							
Anniisetisen O				Wireless-N Home Router WRT120N			
Gaming	Setup Wireless Security Access Restrictions		Applications & Administrati		Status		
	Single Port Forwardi	ng 🕴 Port Range	Forwarding	Port Range Trigge	ring	DMZ	QoS
Single Port Forwarding							
Application Name	External Port	Internal Port	Protocol	To IP Address	Enabled	line la	
None 💌		· · · · ·		192.168.1 .		нер	
None 💌				192.168.1			
None 💌	1222		200	192.168.1 .			
None 💌		19 <u>-119</u> -1		192.168.1 .			
None 💌				192.168.1 .			ţ.
Dericam	88	88	Both 💌	192.168.1 35		Fill the LAN IP	of the
			Both 💌	192.168.1 .		the last section	35.
Assign a name as fill the port no. 88 of the		no. 88 of the	Both 🔽	192.168.1 .			
	External and Internal Port		Both 🔽	192.168.1 .			
. II	<b></b>		Both 💌	192.168.1 .			

Fig5.9 Make port forwarding within the router

#### (4) Step 4, Use domain name to access the camera via internet

After the port forwarding is finished, you can use <u>the domain name+ http no.</u> to access the camera via internet. Take hostname <u>dericam.dyndns.org</u> for example, the accessing link of the camera via internet would be <u>http://dericam.dyndns.org</u>:88

#### How to test if the accessing link is working

1) Just enter http:// Domain name + HTTP Port on the IE bar, to see if the camera is accessible.

2) Send the link http:// Domain name + HTTP Port to your friend to have a test, to check if the camera is accessible

## 6. Other Settings

#### **Congratulations!**

You have finished the quick installation of the camera. You can take time to play the camera after you install the dome camera where you want to surveillance.

For other advanced software settings, such as <u>Alarm Service Settings</u>, <u>Mail Service Settings</u>, <u>User Settings</u>, please refer to the user manual in details.