

User Manual

Model: M801W

Indoor Pan/Tilt/Zoom IP Camera





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1 Introducing Indoor PTZ IP Camera M801W

Dericam Low-cost Indoor Pan/tilt IP camera M801W with 3X optical Zoom feature is designed to meet the demands for indoor IP video surveillance in the DIY Home & SME & Small business security markets. This camera is specially designed to offer you a way to view what is going on inside your home, warehouse, shops or office.

Key Features

- 1/4" CMOS image sensor, 300k pixels
- Auto IR-LED illumination
- 12 IR LEDs IR Night vision range (up to 10 meters)
- Bundled with 32 Channel Surveillance Software
- User-friendly & Multi-lingual UI
- Giving alarm in cause of motion detection
- Wireless networks connection (IEEE 802.11b/g)
- Support WEP/WPA/WPA2 encryption
- Control Panel add-in, i.e. snapshot, image setup, PT control
- Support Mac OS Safari browser
- Support iPhone through Safari browser
- Mobile Phone Streaming Live Video through Phone View APP
- Multi-level Password Protection for Restricting Camera Access
- DDNS, UPnP Supported
- MJPEG video compression format

2 Package Contents

- IR IP Camera M801W x 1
- Power Adapter 5V-2A x 1
- Network Cable x 1
- WiFi Antenna (Wireless Version M801W) x 1
- CD-ROM with Setup Software and User Guide x 1

3 Physical Descriptions



Fig3.1 Physical parts description

- 1----- WIFI Antenna
- 2-----IR LEDs
- 3----- Lens
- 4----- Built-in microphone
- 5----- Built-in speaker



Please never press reset button unless you have forget the password to login the camera.

4 Surveillance Software GUI

Please refer to the Quick Installation Guide if you install the camera at first time. After finishing quick installation, you can take time to learn the operation of the software.

4.1 Login Window

P <mark>r</mark> Network Video Survei	llance Camera	Dericam
lect Language English Spanish Deutsch French Ita	lian Polski 简体中文 繁体中文	2 (www.dericam.n
IE ActiveX Mode 3	Server Push Mode	
User Login	User Login	
User	User	
Password	Password	
Submit	Submit	
Note 5		
Plase note that there are two login methods, One is IE ActiveX br IE ActiveX Mode if rou are using IE browser, or else please choos video of the camera at first time by IE browser succefully	rowser, the other one Server Puch Mode for Safari, Firefox, Goo e Server Push Mode. You need to install the ActiveX controlle:	gle Chrome.Please choose r if you wanna access the
Any problems during installation please refer to the reseller or o	dericam for help.Dericam provide technical support by email t	ech@dericam.com

Fig4.1 Login window of Dericam M801W

Please check the login window above, it was divided to 5 sections from no. 1 to 5.

4.1.1 Section 1 Select Language

Dericam M series camera supports up to 8 languages, such as English, Spanish, Deutsch and so on. You can select the language you need via click on the select language bar to switch.

4.1.2 Section 2 Dericam Website Link

There is an access link to Dericam website homepage, if you need tech support you can contact Dericam directly.

4.1.3 Section 3 IE ActiveX Mode

If your pc is windows based OS, such as Windows XP, Windows7, Windows Vista and you are using IE-based browsers like IE6, IE, IE8, please choose IE ActiveX Mode login method.

4.1.4 Section 4 Server Push Mode

If you are using non-IE based browser, like firefox, safari, google chrome please choose Server Push Mode method.

4.1.5 Section 5 Note

You can get tech support directly from the reseller where you bought Dericam camera or refer to our tech engineer for help. Dericam provide good after-sales tech support service to help customers complete the installation successfully.

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4.2 Surveillance Window



Fig4.2 Surveillance Window of Dericam M801W

Please check the surveillance window above, it was divided to 5 sections from no. 1 to 5.

4.2.1 Section 1 Multi-windows Switch button

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You can select 1 window, 4 windows, 9 windows by clicking the switch button above.



Fig4.3 Switch to 4 surveillance windows Copyright @ Shenzhen Dericam Technology Co., Limited

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4.2.2 Section 2 Image Parameters Settings

Flip 🗌 Mirror 🗌			
Resolution	640*480	~	
Frequency	50 HZ	~	
Frame Rate	20 fps	~	
OSD Date/Time	disable	~	
Add OSD Record	disable	~	
Brightness	6		
Contrast	4		
L I	Default		

• Flip & Mirror

You can flip the image by enabling Flip button, or mirror the image by enabling Mirror button.

- Resolution
- 1) 320x240-----QVGA
- 2) 640x480-----VGA

There are two resolutions, the bigger one (VGA) is 640x480 pixels, and the smaller one (QVGA) is 320x240 pixels. The bigger the resolution, the better of the image quality is, but the lower the frame rate is. If you are accessing the camera via internet and want to get more fluent video streaming, please select resolution QVGA 320x240.

• Frequency

- 1) 50HZ -----Indoor surveillance (Region: Europe, China)
- 2) 60HZ -----Indoor surveillance (Region: USA, Canada)
- 3) Outdoor-----Outdoor surveillance (Region: All over the world)

There are three options within the menu of Frequency, 50HZ, 60HZ and Outdoor. It depends on the frequency of the electricity and surveillance model (indoors & outdoor). Please choose outdoor mode, when the camera was installed outside.

Frame Rate

- 1) Max----- Maximum frame rate
- 2) 20fps, 15fps, 10fps, 5fps, 1fps----- customized frame rate

You can choose option within the menu of Frame Rate to adjust the frame rate. It is often used in LAN network when you want to lower the frame rate, so that you can save more bandwidth.

OSD Date/Time

- 1) Disable----- Disable On-Screen-Display
- 2) Black, red, yellow, white, blue------ enable On-Screen-Display with different color.
- 3) On-Screen-Display information----- Device name & Date & Time

ADD OSD Date/Time

- 1) Enable------ Add date & time information on the surveillance screen when recording
- 2) Disable------ Cancel date & time information on the surveillance screen when recording

Brightness

Default parameter is 6, you can adjust the brightness of the image by clicking plus or minus button.

Contrast

Default parameter is 4, you can adjust the contrast of the image by clicking plus or minus button.

Default

Click Default to restore factory parameters

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4.2.3 Section 3 Pan/tilt Control



1-----Up control button,

- 2-----Down control button,
- 3-----Left control button,
- 4-----Right control button,
- 5-----Vertical Patrol control button,
- 6-----Stop vertical patrol control button,
- 7-----Horizontal Patrol control button,
- 8-----Stop horizontal patrol control button,

C-----Restore center position

Dericam indoor PTZ IP camera M801W supports movement by 4 directions, Up, Down, Left and Right.

4.2.4 Section 4 Zoom control

200m-	zoom+

1) Zoom- Click it Zoom out the image

2) Zoom+ Click it Zoom in the image

Dericam indoor PTZ IP camera M801W supports 3X optical Zoom.

4.2.5 Section 5 Preset Position Settings

Preset	1 💌	Set Go	Patrol
1	2	3	4
5	6	7	8

1) Preset------Support 8 preset position, which is considered enough for DIY home & small business surveillance market

2) Set----- Click Set to save the position you need the camera to remember

3) Go----- Click Go to make the camera move the preset position

4) Patrol------ Click Patrol to make the camera move from preset position from 1 to 8.

5) Number button from 1 to 8------You can click the number button with preset position, and the camera will go to the preset position.

How to do preset position?

We can start preset settings from position 1.

Firstly, select no. 1 within the menu of Preset on the panel.

Secondly, move the camera and stop at a place where you want make preset position.

Thirdly, click set button to save it as position 1 and you have done preset of position 1.

After that, you can select no. 2 within the menu of Preset on the panel, and move the camera and stop at another place, and set as preset position 2. You can do all the 8 preset positions with this method. Showed as Fig.4.4 & 4.5.

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Fig4.5 Preset position 2

4.2.6 Section 6 For Administrator

For Administrator

For Administrator-----Path to Administrator Control Panel, Click it, and it will lead to Administrator Control Panel.

Dericam		M801W Indoor Pan/Tilt/Zoom IP Camera
Device Info		
Device Name Settings		Device Status
Date&Time Settings	Device ID	00606E8EB958
Users Settings	Device Firmwore Version	0 22 2 35
Multi-Device Settings	L'evice l'innware version	0.22.2.35
Basic Network Settings	Device Embeded Web UI Version	2.8.1.1
Wireless Lan Settings	Alias	M801W
ADSL Settings	Alarm Status	None
UPnP Settings		NT- A-Alex
DDNS Service Settings	DDINS Status	No Action
Mail Service Settings	UPnP Status	No Action
FTP Service Settings		
Alarm Service Settings		
PTZ Settings		
Upgrade Device Firmware		
Backup & Restore Settings		
Restore Factory Settings		
Reboot Device		
log		
Back		

Fig4.6 Administrator Control Panel

4.2.7 Section 7 Play & Stop & Talk Buttons



1Play	Click it to play the video of the camera
-------	--

- 2-----Stop Click it to stop the video of the camera
- 3-----Talk Enable talk function, and use microphone at PC end to talk to the camera

4.2.8 Section 8 Listen Buttons



Enable Listen function, and use speaker at PC end to listen to the camera

4.2.9 Section 9 Record & Snapshot & Full Screen Buttons



1-----Record Click it to make recording

2-----Snapshot Click it to make snapshot. You can make snapshot and then select the

3-----Full Screen Click it to make full-screen, or you can double click the surveillance screen to make full-screen

Note

For Advanced settings, please go to chapter five Advanced Camera Settings.

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5 Advanced Camera Settings

Click the bar "For Administrator", goes to Administrator Control Panel to make advanced camera settings.

5.1 Device Information

Jericam M801W Indoor Pan/Tilt/Zoom IP Camera Device Info **Device Name Settings** Device Status Date&Time Settings 00606E8EB958 Device ID **Users Settings** Device Firmware Version 0.22.2.35 **Multi-Device Settings** Device Embeded Web UI Version 2.8.1.1 **Basic Network Settings** Wireless Lan Settings Alias M801W ADSL Settings Alarm Status None **UPnP** Settings DDNS Status No Action **DDNS Service Settings** UPnP Status No Action **Mail Service Settings FTP Service Settings** Alarm Service Settings PTZ Settings Upgrade Device Firmware Backup & Restore Settings **Restore Factory Settings Reboot** Device log Back Fig5.1 Device Information 1----Device ID MAC ID of the camera by wired connection

2-----Device Firmware Version
3-----Device Web UI Version
4-----Alias
5-----Alarm Status
6-----DDNS Status
7-----UPnP Status

Fig5.1 Device Information MAC ID of the camera by wired connection System Firmware version of the camera Web UI firmware version of the camera Name of the camera The status of Alarm Service Setting The status of DDNS Setting The status of UPnP Setting

5.2 Device Name Settings

Dericam	M801W Indoor Pan/Tilt/Zoom IP Camera		
Device Info			
Device Name Settings	_	Device Name Settings	
Date&Time Settings	Alias	M801W Dericam	
Users Settings			
Multi-Device Settings	Click here to assign name	Set Refresh	Enter the name as you like
Basic Network Settings			Use different names if there
Wireless Lan Settings			is more than two cameras
ADSL Settings			

Fig5.2 Device Name Settings

Go to option "Device Name Settings", and set the name you come up with. The default name is Dericam.

5.3 Date & Time Settings

Dericam		M801W Indoor	Pan/Tilt/Zoom IP Camera
Device Info			
Device Name Settings		Date&Time Settings	
Date&Time Settings	Device Clock Time	2011年1月6日 17:25:08	1
Users Settings	Device Clock Timezone	(GMT +08:00) Beijing	Singanore Tainei
Multi-Device Settings			
Basic Network Settings	Sync with NTP Server		
Wireless Lan Settings	Ntp Server	time.nist.gov 🛛 👻	Select Time zone belongs
ADSL Settings	Sync with PC Time		to your region
UPnP Settings	Go to the option Time settings		
DDNS Service Settings	Go to the option time settings	Set Refresh	

Fig5.3 Date & Time Settings

Go to option "Date & Time Settings "

1Device Clock Time zone	Select the time zone which belongs to your region
2Sync with NTP Server	Enable with Network Time Protocol
3Sync with PC Time	Enable to sync with your computer's time

5.4 User Settings

Dericam

M801W Indoor Pan/Tilt/Zoom IP Camera

Device Info			
Device Name Settings	Users Settings		
Date&Time Settings	User	Password	Group
(Users Settings			
Multi-Device Settings	dericam	•••••	Administrator 🚩
Basic Network Settings	operator	•••••	Operator 🖌 🖌
Wireless Lan Settings	visitor	•••••	Visitor 🔽
ADSL Settings	You can set users with differe	nt accessing right, but at least	Visitor 🗸
UPnP Settings	Tou can set users with unlere	nt accessing right, but at least	
DDNS Service Settings	one user of Administrator		Visitor 💙
Mail Service Settings			Visitor 💌

Fig5.4 User Settings

Go to option "Users Settings "

The default user name is admin, and there is no password. There is three level of accessing right, 1) Administrator, 2) Operator, 3) Visitor,

You can set users with different level of accessing right.



You need remember the new user name & password when you change the user & password. It is better for you to write it on your memo.

5.5 Multi-device Settings

If you want to view multi-surveillance screens on one window, you need to login one camera, and set it as the main device, and do Multi-Device Settings, add other cameras to the first one camera. Before you do multi-cams settings, you need to assign different port such as 81, 82, 83, 84, 85, 86, 87, 88 to the cameras if there is 8 cams installed.

5.5.1 Multi-Camera Settings within LAN(Local Area Network)

Dericam		M801W Indoor Pan/Tilt/Zoom IP Camera
Device Info		
Device Name Settings	Click Refresh to search other	Multi-Device Settings
Date&Time Settings		Anonymous(192,168,11,100)
Users Settings	camera within LAN network	Anonymous(192.168.11.144)
Multi-Device Settings	Device List in Lan	Anonymous(192.168.11.118)
Basic Network Settings		Gicp(192.168.11.99)
Wireless Lan Settings		Refresh
ADSL Settings	The 1st Device	This Device
UPnP Settings	The 2nd Device	None
DDNS Service Settings	Enter a name as you like. Alias	Cam02 Fill in the LAN ip + http
Mail Service Settings	for example Com 02	Carloz
FTP Service Settings	for example Camuz Host	192.168.11.144 port no. of the second
Alarm Service Settings	Http Port	82 camera, enter user &
PTZ Settings	User	admin password of the second
Upgrade Device Firmware	Pagemord	camera, then click add
Backup & Restore Settings	rassworu	to take effect
Restore Factory Settings		Add Remove to take enect
Rehaat Device	The 3rd Device	None

Fig5.5 Add Multi-cams within LAN

Go to option "Multi-Device Settings ", click refresh to list all the cameras within LAN, and click the menu" the 2nd Device" to add the second camera. Just select one of the camera, give a name like Cam02 to identify from the first one. Fill the LAN IP address + http port no. of the second camera, and click Add button to take effect.

5.5.2 Multi-Camera Settings within WAN (Wide Area Network/Internet)

Dericam			M801W Indoor Pan	/Tilt/Zoom IP Camera
Device Info				
Device Name Settings		Ν	Julti-Device Settings	
Date&Time Settings			Anonymous(192.168.11.100)	
Users Settings			Anonymous(192.168.11.144)	
Multi-Device Settings	Device List in Lan		Anonymous(192.168.11.118)	
Basic Network Settings			Gicp(192.166.11.99)	
Wireless Lan Settings			Refresh	
ADSL Settings	The 1st Device		This Device	
UPnP Settings	The 2nd Device		None	Fill in the Domain + http
DDNS Service Settings	Enter a name as you like.	Alias	Cam02	Fin in the Domain + http
Mail Service Settings	for example Cam02	Linet	devicent duradus and	port no. of the second
FTP Service Settings	Ior example Gamoz	HOST	dericam.dyndns.org	camera, enter user &
Alarm Service Settings		Http Port	82	password of the second
PTZ Settings		User	admin	camera, then click add
Upgrade Device Firmware		Password		to take offect
Backup & Restore Settings			Add Domous	
Restore Factory Settings			(Add) [Remove]	

Fig5.6 Add Multi-cams within WAN

Note If you want to access all the cameras within one window via internet, you have to do multi-cams settings via WAN address of the camera. Go to option "Multi-Device Settings ", give a name like Cam02 to identify from the first one. Fill the <u>Domain name + http port no.</u> or <u>WAN IP address + http port no.</u> of the second camera,

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and click Add button to take effect. Showed as Fig5.6 above

5.6 Basic Network Settings

Dericam		M801W Indoor Pan/Tilt/Zoom IP Camera
Device Info		
Device Name Settings		Basic Network Settings
Date & Time Settings	Obtain IP from DHCP Server	
Users Settings	Line Deed	
Multi-Device Settings	Hup Port	83
Basic Network Settings	Network Lamp	
Wireless Lan Settings		Set) Refresh
ADOL O US		

Fig5.7 Basic Network Settings

Go to option "Basic Network Settings "

1-----Obtain IP from DHCP Server

2-----Http Port

3-----Network Lamp

Enable DHCP, if disable DHCP, you can assign IP address by yourself You can change port no. here by entering customized no. and click set Enable/Disable Network signal LED if there is one.

5.7 Wireless LAN Settings

Dericam			M801W Indoor P	an/Tilt/Zoom IF	P Camera
Device Info					
Device Name Settings		W	ïreless Lan Settings		
Date&Time Settings			ChinaNet-6Dh7/001e40e5/	521el infra WPA/WPA	
Users Settings			NETGEAR[000fb57f501e]	infra WEP	
Multi-Device Settings	Wireless Netw	ork List	IAN_YANG[74ea3a671b42	2] infra	
Basic Network Settings	Click Sca	in more than twice until	ChinaNet-V5bV[001e10db	3ecc] infra WPA/WPA	<u>×</u>
Wireless Lan Settings	search or	ut SSID of your router	Scan		
ADSL Settings	Using Wireless	Lan			<u> </u>
UPnP Settings	CCID	Select the SSID			
DDNS Service Settings	JIGG	Select the SSID	NEIGEAR		
Mail Service Settings	Encryption	belongs to your wire-	WEP	~	
FTP Service Settings	Authetication	less router, and fill the	Open System 🔽		
Alarm Service Settings	Key Format	security keys same with	Hexadecimal Number 🗸		
PTZ Settings	Default TV Ve	the router's wireless	1		
Upgrade Device Firmware	Delault IN Ke	y the router of whicheos			
Backup & Restore Settings	Key 1	security keys.	dericam1218	64 bits 🚩	
DI DI CUI	17 0			04.1.2	

Fig5.8 Wireless LAN Settings

Go to option "Wireless LAN Settings "

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 Fig5.8.

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.

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 LNA IP of the camera will be showed again on the window. **Congratulations!** You have done wireless connection of the camera successfully.

5.8 ADSL Settings

Dericam		M801W Indoor Pan/Tilt/2	Zoom IP Camera
Device Info			
Device Name Settings	(ADSL Settings	
Date&Time Settings	Using ADSL Dialup		
Users Settings	ADCL Harr		
Multi-Device Settings	ADSL USE	ADSL account	
Basic Network Settings	ADSL Password		
Wireless Lan Settings		Set Refresh	

Fig5.9 ADSL Settings

Go to option "ADSL Settings "

If you are connecting the camera directly to an ADSL modem, you can do ADSL settings with your ADSL account & password provided by the ISP, then make the camera connected to the network. We would not recommend you use this method, for DIY WIFI Camera is designed to use with WIFI routers. You can just leave this setting alone.

5.9 UPnP Settings

Dericam	M801W Indoor Pan/Tilt/Zoom IP Came	ra
Device Info		
Device Name Settings	UPnP Settings	
Date&Time Settings	Using UPnP to Map Port	
Users Settings	Eatl Defrech	
Multi-Device Settings		
Basic Network Settings		
Wireless Lan Settings		
ADSL Settings		
UPnP Settings		

Fig5.10 UPnP Settings

Go to option "**UPnP Settings** ",You can enable UPnP if your router's UPnP option is enabled. You can just leave this setting alone, because you have done port forwarding within the router when doing remote access settings during quick installation procedure.

5.10 DDNS Settings

Dericam		M801W Indoor Pan/Tilt/Zoom IP Camera
Device Info		
Device Name Settings		DDNS Service Settings
Date&Time Settings	DDNS Service	DynDns org(dyndns) 🗸
Users Settings	DDUGU	
Multi-Device Settings	DDNS User	dericam
Basic Network Settings	DDNS Password	•••••
Wireless Lan Settings	DDNS Host	dericam.dyndns.org
ADSL Settings	Re-Undate Jonoring All Fronts	Never do this unless your hostneme has been unblocked
UPnP Settings	The optime renorming the Entors	
DDNS Service Settings		Set Refresh

Fig5.11 DDNS Settings

Go to option "DDNS Settings ".Please set DDNS Service Settings within the camera by hostname, a user name and password you've got from <u>www.dyndns.com</u>. Please refer to Quick Installation Guide for detailed steps.

5.11 Mail Service Settings

Dericam

M801W Indoor Pan/Tilt/Zoom IP Camera

Device Info		
Device Name Settings		Mail Service Settings
Date&Time Settings	Sender	dericam@163.com
Users Settings		
Multi-Device Settings	Receiver 1	dericam@163.com
Basic Network Settings	Receiver 2	denny@dericam.com
Wireless Lan Settings	Receiver 3	dericam@hotmail.com 🛛 🧧
ADSL Settings	Receiver 4	
UPnP Settings		
DDNS Service Settings	SMTP Server	smtp.163.com
Mail Service Settings	SMTP Port	25
FTP Service Settings	Need Authentication	
Alarm Service Settings	SMTP User	dericam
PTZ Settings		––– –––––––––––––––––––––––––––––––––
Upgrade Device Firmware	SMTP Password	
Backup & Restore Settings		Test Please set at first, and then te
Restore Factory Settings	Report Internet IP by Mail	
Reboot Device		Set Refresh
1		

Fig5.12 Mail Service Settings

Go to option "Mail Service Settings "

-	-
1Sender	Email address to be used as a sender
2Receiver 1 to 4	Email address to be used as a receiver, up to four receivers
3SMTP Server	SMTP Server of the Sender mailbox
3SMTP Port	SMTP port no. of the mail server of the sender mailbox
4SMTP User	ID Account of the sender email address
4SMTP Password	The password of the sender email address
5 Report Internet IP	Notification of WAN IP address change information
Complete the settings with vo	our email account, and click set to take effect.

Note

- 1) Sender and Receiver can be the same email address. It means that you can use one email as both sender and receiver.
- For Enterprise mail SMTP user, you need to enter full email address on the column "SMTP user". Take SMTP server "mail.dericam.com" for example. you might need to enter <u>denny@dericam.com</u> on the column of "SMTP User".
- 3) Please click Submit first before making Test.

Trouble Shooting----The email failed to send emails or snapshots

- 1. Check the mail service settings, and make sure all of them are correct and try it again.
- 2. Check if the sender email is enabled with SMTP server.
- 3. Check the mailbox should not be enabled SSL or TSL encryption.

5.12 FTP Service Settings

Dericam

.

M801W Indoor Pan/Tilt/Zoom IP Camera

Device Info		
Device Name Settings		FTP Service Settings
Date&Time Settings	FTP Server	192,168,1,158
Users Settings	ETD Dect	21
Multi-Device Settings	r IP Port	21
Basic Network Settings	FTP User	dericam
Wireless Lan Settings	FTP Password	•••••
ADSL Settings	FTP Upload Folder	
UPnP Settings	ETD M. 4.	
DDNS Service Settings	F IP Mode	PORT
Mail Service Settings		Test Please set at first, and then test.
FTP Service Settings	Upload Image Now	
Alarm Service Settings	Upload Interval (Seconds)	10
PTZ Settings		Set Defeat
Upgrade Device Firmware		Refresh

Fig5.13 FTP Settings with FTP server within LAN

Dericam		M801W Indoor Pan/Tilt/Zoom IP Camera
Device Info		
Device Name Settings		FTP Service Settings
Date&Time Settings	FTP Server	ftp.dericam.com
Users Settings	ETD D-d	24
Multi-Device Settings	FIPPon	21
Basic Network Settings	FTP User	dericam
Wireless Lan Settings	FTP Password	•••••
ADSL Settings	FTP Upload Folder	
UPnP Settings		
DDNS Service Settings	F IP Mode	PORI
Mail Service Settings		Test Please set at first, and then test.
FTP Service Settings	Upload Image Now	
Alarm Service Settings	Unload Interval (Seconds)	10
PTZ Settings		
Upgrade Device Firmware		(Set) Reliesh

Fig5.14 FTP Settings with FTP server within WAN

Go to option "FTP Service Settings "

1FTP Server	The link address of the FTP Server where you want to upload images
2FTP Port	The Port number of the FTP server, normally standard port is 21
3FTP User	The user account of the FTP server
4FTP Password	The password of the FTP user account
5FTP Upload Folder	Saving path of the FTP folder
6FTP Mode	Two modes, standard (POST) mode and passive (PASV) mode

Note

1) If your FTP server is set up within LAN, you can set as Fig5.13, If you have a FTP server which you can access via internet, you can set as Fig5.14.

2) Please make sure that the folder you plan to store images is available. The camera can not generate the folder itself. And also, the folder must be erasable.

5.13 Alarm Service Settings

Dericam		M801W Inc	door Pan/Tilt/Zoom IP Camera
Device Info			
Device Name Settings		Alarm Service Setti	ings
Date&Time Settings	Motion Detect Armed		
Users Settings	Motion Detect Consibility		Enable Motion Alarm
Multi-Device Settings	Wouldn Delect Sensionly		
Basic Network Settings	Alarm Input Armed		
Wireless Lan Settings	IO Linkage on Alarm		enable sending snapshots to
ADSL Settings	Send Mail on Alarm		emailbox when alarm
UPnP Settings			
DDNS Service Settings	Opload Image on Alarm		
Mail Service Settings	Upload Interval (Seconds)	10	Enable Schedule Alarm
FTP Service Settings	Scheduler		
Alarm Service Settings	Day 0 1 2 3 4 5 6	7 8 9 10 11 12	13 14 15 16 17 18 19 20 21 22 23
PTZ Settings	Sun		
Upgrade Device Firmware	Mon		
Backup & Restore Settings	lue Wed	a a la at the a time a	
Restore Factory Settings	Thu	select the time s	schedule you need to set
Reboot Device	Fri	motion detectio	n alarm service
log	Sat		
Back	Click Set to take effect		

Fig5.15 Alarm Service Settings

No use, just leave this option alone

No use, just leave this option alone

The interval of uploading snapshots

Enable or disable Motion detection alarm service

Enable or disable sending snapshots by email

Enable or disable uploading snapshots to FTP server

From 1 to 10, the bigger the number is, and more sensibility it is.

Go to option "Alarm Service Settings "

- 1-----Motion Detect Armed
- 2-----Motion Detect Sensibility
- 3-----Alarm Input Armed
- 4-----IO Linkage on Alarm
- 5-----Send Mail on Alarm
- 6-----Upload Image on Alarm
- 7-----Upload Interval
- 8-----Scheduler

Normally this alarm service is often used by email alert, sending snapshots to the email address within the Mail service settings.

Enable or disable Schedule alarm service

5.14 PTZ Settings

Device Name Settings		ngs			
Date&Time Settings	Go center on hoot				
Users Settings	DT aroud		You can set pan/tilt speed here		
Multi-Device Settings	P1 speed	0 🗸	by selecting number from 0 to		
Basic Network Settings	Upward patrol speed	0 🗸	15, the larger number is , the		
Wireless Lan Settings	Downward patrol speed Leftward patrol speed Leftward patrol speed D Leftward patrol speed Leftward patrol speed D Leftward patrol speed Le		lower speed. Default parameters		
ADSL Settings			is 0. Click Set to take effect of		
UPnP Settings	Distance of actual and a	0.11	the modification		
DDNS Service Settings	Rightward patrol speed				
Mail Service Settings		Set Refi	resh		
FTP Service Settings					
Alarm Service Settings					
PTZ Settings					

Fig5.16 Pan/Tilt Speed Settings

5.15 Upgrade Device Firmware

Dericam	M801W Indoor Pan/Tilt/Zoom IP Cam	era
Device Info Device Name Settings Date&Time Settings Users Settings Multi-Device Settings Basic Network Settings	Upgrade Device Firmware Upgrade Device Firmware Upgrade Device Embeded Web UI Browse Set Choose file	
ADSL Settings UPnP Settings DDNS Service Settings Mail Service Settings FTP Service Settings PTZ Settings Upgrade Device Firmware Backup & Restore Settings Restore Factory Settings Reboot Device log Back	Look in: Firmware Firmware My Recent Documents My Documents My Documents My Documents My Computer My	
	File name: WebUI 6.1.1.1 Open My Network Files of type: All Files (*.*) Cancel	

Note

Fig5.17 Upgrading WEB UI

1) All Dericam camera are sold out with latest version of firmware, please try to contact us to see if there is a new version of firmware before you want to upgrade the firmware.

2) Please do not try to upgrade the firmware, if the existing firmware works ok. It takes risk of making the camera dead if the upgrading operation is not right.

3) Normally, only Device WEB UI need to be upgrade, please do not try to upgrade the Device Firmware.

4) Please use wired connection method before you upgrading the files

5) Never shut down the power of the camera during upgrade until the IP camera restart and get connected.

5.16 Backup & Restore Settings

Dericam	M801W Indoor Pan/Tilt/Zoom IP Camera			
Device Info				
Device Name Settings	Backup & Restore Settings			
Date&Time Settings	(Backup Set)			
Users Settings	Restore Set			
Multi-Device Settings				

Fig5.18 Backup or Restore Settings

You can backup all settings by saving the settings as a .bin file. And also you can restore the existing settings by saved .bin. file.

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5.17 Restore Factory Settings

Dericam	M801W Indoor Pan/Tilt/Zoom IP Camera		
Device Info			
Device Name Settings	Backup & Restore Settings		
Date&Time Settings	Backup		
Users Settings	Patters Browco Sat		
Multi-Device Settings	Restore Drowse		
Basic Network Settings			
Wireless Lan Settings			
ADSL Settings			
UPnP Settings			
DDNS Service Settings	Microsoft Internet Explorer		
Mail Service Settings			
FTP Service Settings	Are you sure to restore factory settings		
Alarm Service Settings			
PTZ Settings	OK Cancel		
Upgrade Device Firmware			
Backup & Restore Settings			
Restore Factory Settings	If you want to restore factory settings, just click here, and		
Reboot Device	click. And the camera will restart.		
1			

Fig5.19 Restore Factory Settings

5.18 Reboot Device

Click option "reboot device" to get the camera restarted, which is the same as unplug the power and re-plug it.

5.19 Log

log						
Jac,	2010-12-23	11.30.27	acuurn	103.17.103.194	access	
Sat,	2010-12-25	17:20:55	admin	119.135.15.209	access	
Sat,	2010-12-25	17:21:54	admin	183.37.5.116	access	
Mon,	2010-12-27	12:36:25	dericam	183.37.10.46	access	
Mon,	2010-12-27	13:00:02	visit	183.37.10.46	access	
Mon,	2010-12-27	13:02:01	dericam	183.37.10.46	access	
Mon,	2010-12-27	14:02:33	dericam	183.37.10.46	access	
Mon,	2010-12-27	14:31:50	dericam	183.37.10.46	access	
Mon,	2010-12-27	15:11:59	dericam	183.37.10.46	access	
Mon,	2010-12-27	15:31:08	dericam	183.14.253.223	access	
Mon,	2010-12-27	16:34:30	dericam	183.14.253.223	access	
Mon,	2010-12-27	17:03:38	dericam	183.14.244.232	access	
Mon,	2010-12-27	17:04:00	dericam	183.14.244.232	access	
Mon,	2010-12-27	17:47:32	dericam	192.168.1.100	access	
Mon,	2010-12-27	17:48:25	dericam	192.168.1.100	access	
Mon,	2010-12-27	17:51:38	dericam	183.14.244.232	access	
Mon,	2010-12-27	18:26:42	dericam	192.168.1.100	access	
Tue,	2010-12-28	11:08:54	dericam	183.14.249.83	access)
Tue,	2010-12-28	13:31:45	dericam	183.14.249.83	access	~

Refresh

Fig5.20 Record of login in information

Log record shows the date, time, user account, IP address accessed

5.20 Back

Click Back button to go back to surveillance window

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6 Specification

Specifications				
רו	ſEMS	M801W		
	Image Sensor	1/4" Color CMOS Sensor		
Imaga Sansar	Display Resolution	640 x 480 Pixels(300k Pixels)		
inage Sensor	Lens	f=4~9mm, F:2.4 (Veri-focal Lens)		
	Mini. Illumination	0.5Lux		
Lons	Lens Type	Veri-focal Glass Lens		
Lens	Viewing Angle	65 Degree		
Audio	Input	Built-in Microphone		
Addio	Output	Built-in Speaker		
	Image Compression	MJPEG		
	mage Frame Rate	Max.15fps(VGA),30fps(QVGA)		
Video	Resolution	640 x 480(VGA), 320 x 240(QVGA)		
VIGEO	Flip Mirror Images	Vertical / Horizontal		
	Light Frequency	50Hz, 60Hz or Outdoor		
	Video Parameters	Brightness, Contrast		
	Pan	Horizontal: 300°		
PTZ	Tilt	Vertical: 80°		
	Optical Zoom	3X Optical Zoom		
_	Ethernet	One 10/100Mbps RJ-45		
	Supported Protocol	HTTP,FTP,TCP/IP,UDP,SMTP,DHCP,PPPoE,DDNS,UPnP,GPRS		
Communication	Wireless Standard	IEEE 802.11b/g		
Communication	Data Rate	802.11b: 11Mbps(Max.), 802.11g: 54Mbps(Max.)		
	Wireless Security	WEP&WPA&WPA2 Encryption		
	Infrared Light	12Ф5 IR LEDs, Night visibility up to 8 metres		
Physical	Dimension	150(L) x150(W) x200mm(H)		
Physical	Gross Weight	1.2kg (Color Box Size:260*195*278mm)		
	Net Weight	1.0kg (accessories included)		
Dower	Power Supply	DC 5V/2.0A (EU,US,AU adapter or other types optional)		
Power	Power Consumption	5 Watts (Max.)		
	Operate Temper.	-20 ~ 60 °C (-4 ~ 140 °F)		
Environment	Operating Humidity	20% ~ 85% non-condensing		
Environment	Storage Temper.	-10°C ~ 60° (14°F ~ 140°F)		
	Storage Humidity	0% ~ 90% non-condensing		
	CPU	2.0GHZ or above (suggested 3.0GHz)		
50	Memory Size	512MB or above (suggested 1.0GHz)		
PC Requirements	Display Card	64M or above		
	Supported OS	Microsoft Windows 2000/XP/Vista/ MAC OS		
	Browser	IE 7, IE8, Firefox, Safari or other standard browsers		
Certification	CE,FCC			
Warranty	Limited 1-year warranty			