Mar 17, 10 3453300

QUICK GUIDE

1. Hardware Overview



2. Connecting to a Network

Connect the Grand Mega Pixel Wi-Fi Spill-Resistant Camera to an Ethernet hub or switch by using a standard cable. You can also connect directly to a computer by using the cross-over wire provided.



3. Software Installation

Insert the driver CD into your CD-ROM drive, then the autorun function will start up the shell program.

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Grand Mega Pixel Wi-Fi Spill-Resist	ant Camera
Install Audio and Video Code	10
Install Mega Pixel IP Camera Vi	ewer
Install IP Gam Setup	-
Help	
exil co	

Step1: Press the Install Audio and Video Codec to install the audio and video codec.

Step2: Press the Install Mega Pixel IP Camera Viewer to install the surveillance software.

Step3: Press the Install IPCam Setup to install the IPCam Setup program.

Step4: The shortcut icons (Mega Pixel IP Camera Viewer and New IPCamSetup) will be shown on your desktop after installing.

4. Network Installation

Step1: Double click on () IPCam Setup's execution file on the desktop, and the following

screen will appear.

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WLAN Street Film	Co. Mede	Ternys M	ыс	Worker speaker / monosover / Consequences / monosover / / monosover monosove

Step2: Click the "Auto Detect" button, and your camera's MAC and default IP Address will be listed.

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Step3: Click on the "MAC", and the "IP", "Net Mask", "Gateway", "Port Number 1" and "Camera Name" will be displayed in the "Network Setting" area.

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	Chief over to could	the settings]		1	Network Setting		
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NOTE: The IP Address, Net Mask and Gateway must be corresponding with your network settings for you to access the camera. You can follow the steps to get your network information.

- Open the Microsoft DOS Command Prompt shell window.
 Windows XP/ Vista: <Start> → <Programs> → <Accessories> → <Command Prompt>
 Windows 7: <Start> → <All Programs> → <Accessories> → <Command Prompt>
- Type "ipconfig" and then press "Enter" to get your network information.



 Assign IP Address, Netmask (Subnet Mask) and Gateway (Default Gateway) for the Mega Pixel Wi-Fi Spill-Resistant Camera. (You must use the same Net Mask (ex. 255.255.255.0) and Gateway (192.168.2.254). You can use any IP address between 192.168.2.1-254, but make sure that the IP Address has never been used or is used by another IP addressable device.)

Step4: Directly modify the "IP Address", "Net Mask" and "Gateway", and click "Setup" to

save.

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		C WPA2/TKIP C WPA2/AES
		850
		REV: Apply

Step5: Click the "Auto Detect" button again, and the new network information will be shown.

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5580 [1	Da. Made East	ypa MAC	Comparing Type: Content Comparing States of the second s

Step6: Select the "MAC" and click the "Connect" button to connect the Mega Pixel Wi-Fi Spill-Resistant Camera.

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1500 Ch. Made	Encrypt MMC	 Encryption Type Copen/WEP64 		
		C Shen/WEP64	they! C She	HMEP12
		C WEWEEP	CWP	
		C WEWZYEKIP	C WP	ADJAESS

Step7: When the login screen appears, enter the user name and password (default user name: **root**, default password: **admin**), and click the "OK" button to login your camera.



Windows 7

PS. Please consult the user manual in Driver CD for more detail.

GRAND MEGA PIXEL Wi-Fi

SPILL-RESISTANT CAMERA

User's Manual

ISSUE : Mar 17, 2010



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1. Package Contents



Mounting Screws

CD Driver with user manual/ software (IP Detect)/ Surveillance software

2. Introduction

Grand Mega Pixel Wi-Fi Spill-Resistant Camera is a full featured network camera that enables you to remote view and listen with your web browser (supports iPhone WEB Browser). The Grand Mega Pixel Wi-Fi Spill-Resistant Camera uses the latest video compression technology that provides clearer and more fluent image transmission. Choose the Grand Mega Pixel Wi-Fi Spill-Resistant Camera to enhance safety and security at your home or office.

3. System Requirements

- Router (with DDNS or PPPoE function) is required
- 100Base-T Ethernet or 1000Base TX Fast Ethernet
- Processor:
- IE Remote View: Intel Pentium4 2.4GHz or higher
- Surveillance Software:

1 channel: Intel Pentium4 2.4GHz or higher

2~7 channel: Intel Pentium Core 2 Duo 2.4 GHz or higher

8~16 channel: Intel Pentium Core 2 Quad 2.83 GHz or higher

- RAM: 1GB or higher
- Web browser: Microsoft Internet Explorer V6.0 or higher

4. Product Features

- 1/4" CMOS SXGA Sensor (1.3MegaPixel)
- Built-in High Sensitivity Microphone for remote listening.
- High Resolution Image Processor (160x120/ 320x240/ 640x480/ 1280x1024).
- High Performance Image Compression.
- The provided IP Detect tool allows you to quickly search for and set up cameras located in the local area network (supports Windows 7/ Vista/ XP 32bit).
- Supports iPhone Web Browser (in MJPEG format).
- Supports Internet Explorer and Firefox browser for remote viewing on PC.
- Compatible with Windows 7/ Vista/ XP and Linux OS (32bit).
- Supports Motion detected Mail Function
- Supports digital zoom in function.
- 12-LED infrared for night vision.
- Network
 - LAN connector: RJ45 port to connect to 10/100 Mbps Ethernet
 - Wireless: Built-in 802.11g Wi-Fi Module (Grand Mega Pixel Wi-Fi Spill-Resistant Camera)
- Supports TCP/IP / HTTP / FTP / SMTP / DHCP / PPPoE / DDNS / UPnP / NTP service
- Multi-Languages OSD: English / French / Portuguese / German / Italian / Netherland / Spanish/ Russian / Japanese / Traditional Chinese
- The spill-resistant design expands the scope of applications by letting you install the camera under the eaves of house or store.
- Bundle Surveillance Software (supports Windows 7/ Vista/ XP (32bit):
 - Video File Management: Video file database and playback control.
 - Storage Recyclable: When running out of disk space, files with the earliest date will be overwrite automatically.
 - Motion Detection: Detect any movement in the mask area and invoke the alarm as soon as movement is detected.
 - Supports up to 16 cameras remote view and record simultaneously.
 <u>NOTE: When remote view and record 16 cameras simultaneously, a system with higher</u>
 <u>CPU performance is recommend</u>
 - Multi-Languages OSD: English/ French/ German/ Italian/ Dutch/ Spanish/ Russian/ Japanese/ Traditional Chinese.
 - Supports scheduled recording function.

5. Hardware Overview



- Default Button: Reset all settings to the original (factory) setting.
 (Default IP Address: 192.168.1.100, Default User Name: root, Default Password: admin)
- Reset Button: Press the button to restart the camera.
- Built-in High Sensitivity Microphone: For remote listening.
- System LED: Steady green indicates a proper connection to the power supply.
- DC Input: Connects to the power adapter. (5VDC, 2A)
- RJ-45 Ethernet Connector: For connects to 10Base-T Ethernet cabling or 100Base-TX Fast Ethernet cabling.
- LAN/ WLAN Switch: Select your network connection Wireless/ RJ-45.

6. Hardware & Software Installation

6.1 Hardware Installation

6.1.1 Assembling the Stand

- Use the three screws and plugs provided to fix the stand bracket to a wall.
- The stand can be adjusted to allow the camera a full 360° of rotation and a pan and tilt action.



6.1.2 Connecting to a Network

Connect the Mega Pixel Wi-Fi Spill-Resistant Camera to an Ethernet hub or switch by using a standard cable. You can also connect directly to a computer by using the cross-over wire provided.





Can only be connected by the PC

6.2 Software Installation

Insert the driver CD into your CD-ROM drive, then the autorun function will start up the shell program. If the autorun window does not display, please execute the Autorun.exe program to bring out the autorun screen.



Follow the below steps to install the software programs:

Step1: Press the Install Audio and Video Codec to install the audio and video codec.

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click **Next** to continue

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click Finish to complete the installation

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Step2: Press the Install Mega Pixel IP Camera Viewer to install the surveillance software.



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Create a Desktop k

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6.3 Internet Browser Settings

NOTE: Your browser must be enabled the ActiveX for connect to the Mega Pixel Wi-Fi Spill-Resistant

Camera first time.

Step 1: Start the internet browser.

Step 2: Click the "Tools" at the top of the screen, and select "Internet Options...".

File Edit View Favorites	Tools Help	
C Back - C - S Address Address Address To help protect your security,		Favorites 🚱
	Windows Messenger	
	Internet Options	

Step 3: Select the "Security" tab, and click the "Custom Level". Set to "Enable" or "Prompt" on the "Download unsigned ActiveX controls" and "Initialize and script ActiveX controls not marked as <u>safe</u>" items.





Step3: Press the Install IPCam Setup to install the IPCam Setup program.

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6	It is recoming the list year does all other success by the Recing Setup. It's off make (pendie to polate relevant system has which it having to shoot your computer the listed to contrast.
	1

click Next to continue



click **Install** to start the installation



and click **Next** to continue



click **Finish** to complete the installation

Step4: The shortcut icons (📕 Mega Pixel IP Camera Viewer and 💌 IPCamSetup) will be shown on

your desktop after installing.

7. Network Installation

7.1 Wired Network Installation

Step 1: Double click on () IPCam Setup's execution file on the desktop, and the following screen will

appear.

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Mode O LAN C O Manual C		PPPoE	PPPoE ID: Password	· [NE1 Mask: 0.0.0.0 0 Gateway: 0.0.0.0 0 Port Number 1:
WLAN Access Poir SSID	t Scan Ch.	Mode	Encrypt	MAC	Vireless opmode: C Infrastructure C Ad Hoc Encryption Type: C None
		,		1	C Open/WEP54 key1 C Open/WEP128 key1 C Share/WEP54 key1 C Share/WEP128 key1 C WPATKIP C WPA/AES C WPA2/TKIP C WPA2/AES SSID:
					KEY: Apply

Step 2: Click the "Auto Detect" button, and your camera's MAC and default IP Address will be listed.

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\$5KD	Ch. Mode Encry	pt M	AC I	- Encryption Type: C time
				C Operative State of C Decomposition of the Composition of the Co

Step 3: Click on the "MAC", and the "IP", "Net Mask", "Gateway", "Port Number 1" and "Camera Name" will be displayed in the "Network Setting" area.

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[II] Atheres L2	Fast Effernet 18/3	00 Base 7 Contra	iller	• As	As Detect Connect
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					keyt C Share/WEP128 key
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				1001033	a los areas
				KEYO	Apply

NOTE: The IP Address, Net Mask and Gateway must be corresponding with your network settings for

you to access the camera. You can follow the steps below to get your network information.

- Open the Microsoft DOS Command Prompt shell window.
 Windows XP/ Vista: <Start> → <Programs> → <Accessories> → <Command Prompt>
 Windows 7: <Start> → <All Programs> → <Accessories> → <Command Prompt>
- Type "ipconfig" and then press "Enter" to get your network information.

	ft Windows XP [Version 5.1.2600] yright 1985-2001 Microsoft Corp.
C:\Doci	nents and Settings\Dr-j≻ipconfig
Window	IP Configuration
Etherno	adapter Wireless Network Connection:
	Connection-specific DNS Suffix .: IP Address: 192.168.2.126 Subnet Mask 255.255.0 Default Gateway 192.168.2.254
Etherne	t adapter Local Area Connection:
	Media State Media disconnected
C:\Doci	nents and Settings\Dr-j>

Assign IP Address, Netmask (Subnet Mask) and Gateway (Default Gateway) for the Mega Pixel Wi-Fi Spill-Resistant Camera. (You must use the same Net Mask (ex. 255.255.255.0) and Gateway (192.168.2.254). You can use any IP address between 192.168.2.1-254, but make sure that the IP Address has never been used or is used by another IP addressable device.)

Step 4: Directly modify the "IP", "Net Mask" and "Gateway", and click "Setup" to save.

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Step 5: Click the "Auto Detect" button again, and the new network information will be shown.



Step 6: Select the "MAC" and click the "Connect" button to connect the Mega Pixel Wi-Fi Spill-Resistant Camera.



Step 7: When the login screen appears, enter the user name and password (default user name: root, default password: admin), and click the "OK" button to login your camera.



7.2 Wireless Network Installation

Step 1: Double click on () IPCam Setup's execution file on the desktop, and the following screen will

appear.

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Contract Name of Street, or other	internet and the second second second	the second state of the second se		
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	WLAN DHCP C PSPot	ID:		Camera Name:
SSID	Ch. Mode	Encrypt 1	мас	Encryption Type: C Name C OpenWill-Fed Karyl C OpenWill-F12T C Share/Will-F4 Karyl C OpenWill-F12T C Wildy C C OpenWill-F12T C Wildy C C Wildy C C Wildy AES C WID42TKARP C WID4AES SSID:

Step 2: Connect Mega Pixel Wi-Fi Spill-Resistant Camera to the PC with the crossover cable. Click the "Auto Detect" button specified as below, and your camera's MAC and default IP Address will be listed.

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Mede Cassil C Cassilian C	uniter Distri c (1974)	PPDuE ID: Password:	Centers None:		Mode C 1.271 C W1.271 C Manual C (1961) C (1955al 10: Passward:	
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Auto Detect

Step 3: Click on the "MAC", and the "IP", "Net Mask", "Gateway", "Port Number 1" and "Camera Name" will be displayed in the "Network Setting" area.

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				NET Mask:	255.255.255.8	-
				Gateway:	192.164.1.1	_
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11

10

NOTE: The IP Address, Net Mask and Gateway must be corresponding with your network settings for

you to access the camera. You can follow the steps below to get your network information.

- Open the Microsoft DOS Command Prompt shell window.
 Windows XP/ Vista: <Start> → <Programs> → <Accessories> → <Command Prompt>
 Windows 7: <Start> → <All Programs> → <Accessories> → <Command Prompt>
- Type "ipconfig" and then press "Enter" to get your network information.



Assign IP Address, Netmask (Subnet Mask) and Gateway (Default Gateway) for the Mega Pixel Wi-Fi Spill-Resistant Camera. (You must use the same Net Mask (ex. 255.255.255.0) and Gateway (192.168.2.254). You can use any IP address between 192.168.2.1-254, but make sure that the IP Address has never been used or is used by another IP addressable device.)

Step 4: Select "WLAN" in the "Mode" selection. Directly modify the "IP", "Net Mask" and "Gateway", and click "Setup" to save.



Step 5: Click on the "Access Point Search" button and all available access points will be listed.

Network Device					-		-	
[1] Atheres L2 Fee	t Effernet 1	10/100 Base T	Control	ler		A	An Detect	Cannets
LAN Please Click	one to com	tig the settings	4					
MAC	10		WIFE	Status		Network Settin		
00:13/FE/AD:12:3	6 192.16	8.1.100	YES.	LAN Manual		MAC:	10.000	CLARL17139
						IP:	192.168	1.105
						NET Mask:	255.255	255.0
					_	Gateway:	192.168	1.1
Made		144.PE				Part Number 1		
CLAN IF WL	AN .	101						
" Manual (" Dit	OP C PPP	E Perrora	*			Camera Name	pest	Setup
		é Passwa	et					
WLAN Access Point Sc	-		S. A. and		-	Wireless opmod Encryption Type	e C Indrast	nachare (° Ad Ha
WLAN		de Encrypt	[MAG	c 12463237230	Ī	Wivelens opmod Encryption Type © Open/WEP64	e: C betrack C No key1 C Op	nachare (* Ad Har na en/WEP128 key1
WLAN Access Paint Sc SSID Costline watsonbell	m	de Encrypt Enskie Enskie	MAR 80.1	3:45:9753:08 ID:00:FD:05	1	Wireless opmod Encryption Type © Open/WEP54 © Share/WEP54	e: C Indrask C No key1 C Op Likey1 C Sh	racture (* Ad Har ne en/WEP128 key1 are/WEP128 key1
WLAN Access Paint Sc SSID Coutes watscode® Ladwig Test	Ch. Man 1 lach 2 lach	de Encrypt Enable Enable Enable	MAR 60.1 60.1	13:46:07:53:00 10:00:FD:05 12:49:D1:70:CA	1	Wheless opmod Encryption Type Open/WEP64 Share/WEP64 WP9/TXIP	ic C betract C No key1 C Op Lkey1 C Sh C W1	recture (* Ad Her ne en/WEP128 keyt are/WEP128 keyt WEP128 keyt
WLAN Access Point Sc SSBD coutee watscobell Ludwig_Test Comse_Custeen	Ch. Mar 1 lab 2 lab	de Encrypt Enskie Enskie Enskie Enskie	50.1 80.1 80.1 80.1	13:46:07:53:00 10:00:50:09 12:49:01:70:CA 13:46:50:16:23	1	Wireless opmod Encryption Type © Open/WEP54 © Share/WEP54	ic C betract C No key1 C Op Lkey1 C Sh C W1	racture (* Ad Har ne en/WEP128 key1 are/WEP128 key1
WLAN Access Paint Sc SSID Costes watsonbell Lafwig_Test Costes_Custan W7	Ch. Mai 1 Iadi 2 Iadi 3 Iadi 4 Iadi	de Eneryge Enable Enable Enable Enable	60.1 60.1 60.1 60.1 60.1	12.46:87.93.08 10:08:90:09 12:49:01:70:04 12:46:50:16:23 13:49:30:40	Townson of	Wireless opmod Cocryptian Type Open/WEP64 Share/WEP64 WP9/TX3P WP9/TX3P	ic C betract C No key1 C Op Lkey1 C Sh C W1	recture (* Ad Her ne en/WEP128 keyt are/WEP128 keyt WEP128 keyt
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Step 6: Select the access point you want to use and the corresponding SSID will show in the "SSID".

Network Device								
II] Atheres L2 Fe	at Efferne	1 16/100 Base	1 Contra	ller	٠	Au	In Detect	Connect
LAN Please Clic	k one to co	salig the settin	-gel					
MAC	10		WIFE	Status		Network Setting		
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						UP:	192.168.	1.105
						NET Mask:	255.255.	255.0
Made		1999			_	Galeway:	192.168.	1.1
LAN IT W		10	1		-	Port Number 1:	00	
F Manual C Dit			-		-11	Camera Name:	Best	
								fighter.
								Setup
Access Paint Sa						Wireless opmod	e: « habraule « Nac	schere (* Ad 19
	Ch. M	lade Encry				Encryption Type:	· Not	schere (* Ad H
Access Paint Sa SSID	CA. M	de Faabi	64	1346-021308		Encryption Type: Open/WEP64	·· Nor keyl · Ope	wchure (* Ad H ie m/WEP328 key
SSID watsoche?	CA. M		. 00			Encryption Type: Open/WEP64	·· Nor keyl · Ope	ucture (* Ad H ie in/WEP128 key in/WEP128 key
Access Paint Sc SSID	CA. M	de Fashi de Enabi	. 00	1245-9213-09 ED-0817D-89		Encryption Type: Open/WEP54 Share/WEP54 WP4/TKIP	○ Net key1 ○ Ope key1 ○ Sha key1 ○ Sha C WP	schure (* Ad H e nyWEP128 key ne/WEP128 key NAES
Access Point S SSID Waficedell Geletar Matta		de Enabl de Enabl de Enabl de Enabl	e 60 e 60	12-45-92-97-09 80-00-970-09 12-45-01-70-CA	1	Encryption Type: © Open/WEP54 © Share/WEP54 © WPW/TXIP = WPW/TXIP	← Nor key1 ← Ope key1 ← Sha ← WP	schure (* Ad H e m/WEP128 key m/WEP128 key WAES
Access Point So SSID watcobell GETERMENT	Ch. M.	dr. Enabl dr. Enabl	e 80 e 80 e 80 e 80	12.45.02.03.09 80.00.00.09 12.49.01.70.CA		Encryption Type: Open/WEP54 Share/WEP54 WP4/TKIP	← Nor key1 ← Ope key1 ← Sha ← WP	schere (* Ad H e nyWEP128 ke ne/WEP128 ke NAES

Step 7: Then input your wireless configuration, include "Wireless op mode", "Encryption Type" and corresponding "Key". Click on "Apply" button for saving the configuration.

Network Device								
II] Atheres L2 Fes	I EBA	neet 16/1	00 Base 1	Contra	ller .	•	Auto Detect Conn	eif
LAN Please Click		to couling t	he setting	4				
MAC	1	P		WIFE	Status	Network Sett	ing :	
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						H-	192.168. 1.108	-
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						NET MALK	255.255.255.0	
				_		Galeway:	192.168.1.1	_
Made			144PE	77=		Part Number	11.04	-
CLAN /F WL	MN .		IO:			the statement of the		_
· Manual C Die	en c	DOD-F	Passas	-		Camera Nam	#C hest	
							Seb	v
WLAN							-	
WLAN Access Paint Sc	-						ode: « hebraubrachare «	
Access Paint Sc	m Ch.	Mede	Encrypt	M		Encryption Typ	ide: 17 Intrastructure 17 IN: 17 None	Ad IN
Access Paint Sc SSID		bab.	Enable	60	13.46.0753.08	Encryption Typ	ide: 17 Judrastructure 17 IE: 17 None Id keyt 17 Open(MEP12	Ad Ib 8 key
Access Peint Sc SSID coste watscobell		lab.	Enable Enable	60 60	13:46:0753:00 60:00:FD:09	C Open/WEP	ode: (*) Indexsteacture (*) IE: (*) None I4 keyl (*) Open/WEP13 54 keyl (*) Share/WEP13	Ad Ib 8 key
Access Point Sc SSID costse watsorbell Ladwig Test	1	lab. Jab. Jab.	Enable Enable Enable	60 60 60	13:46:07:53:00 60:00:FD:09: 12:A9:01:70:CA	Encryption Typ © Open/WEP © Share/WEP © WPW/TKIP	ede: (* bebrastructure (* r: (* None 14 key) (* Open/WEP32 54 key1 (* Share/WEP3 (* WEV/JAES	Ad He
Access Point Sc SSD Costo watsonbell Ladwig_Test Comesa_Custam.	1	lade. Jude. Jude. Jude.	Enable Enable Enable Enable	60 00 00	13:46:0753:00 80:00:50:09 12:49:01:70:CA 13:46:50:16:23	Encryption Typ C Open/WEPS C Share/WEP C WPWTKIP C WPWTKIP C WPWZ/TKIP	de: F labrastructure F H: F None 4 key1 F Open/MEPI3 54 key1 F Sharr/MEPI3 F WEV/AES F WEV/2/MES	Ad He
Access Point Sc SSID costse watcobell Ladwig_Test Comse_Custom_ w/r	1	lab. Jab. Jab.	Enable Enable Enable Enable Enable	60 60 60 60	13:46:87.97.08 80:00:00:00:09 12:49:01:70:04 13:46:50:16:23 13:49:30:40	Encryption Typ C Open/WEPS C Share/WEP C WPWTKIP C WPWTKIP C WPWZ/TKIP	de: F labrastructure F H: F None 4 key1 F Open/MEPI3 54 key1 F Sharr/MEPI3 F WEV/AES F WEV/2/MES	Ad He
	1	10. 10. 10. 10. 10. 10.	Enable Enable Enable Enable	60 00 00 00 00 00 00	13:46:0753:00 80:00:50:09 12:49:01:70:CA 13:46:50:16:23	Encryption Typ © Open/WEP © Share/WEP © WPW/TKIP	de: (* behasteschere (* et. (* Noee 4 keyt (* Open/WEP12 54 keyt (* Share/WEP12 54 keyt (* Share/WEP12 54 keyt (* Share/WEP12 54 keyt (* Share/WEP12 54 keyt (* Share/WEP12 55 keyt (*	Ad He 8 key 18 key

Step 8: Turn off Mega Pixel Wi-Fi Spill-Resistant Camera, unplug the crossover cable, set the "WLAN/LAN" switch to "WLAN", and then restart Mega Pixel Wi-Fi Spill-Resistant Camera.

Step 9: Check your access point to see if the configuration works.

00	OfficeConnect [®] Wireless 11g Cable/DSL Router
3COM	Wireless Settings Configuration Encryption Connection Control Client List WDS Profile
Welcome LAN Settings Hireless Settings Internet Settings Firewall System Tools Advanced Status and Logs Support/Feedback	MAC Address Olient Type 03-00-F0-54-08-02 11g Refresh
	Status : Ready

Step 10: Click the "Auto Detect" button again, and the new network information will be shown. (For some environment factors, the time consumed by the searching might be very. In a normal situation, it might take about 30~60 seconds for searching your Mega Pixel Wi-Fi Spill-Resistant Camera.)

		_	_		
Network Device III Athenus L2 Fast	I the met 18/1	II Dave	Caette	alley	* Auto Detroit Concern
LAN (Please Click)	one to counting t	the cotting	ei -	2/12-2	
MAC	IP .	282 100	WIFE	Status	Network Letting
#E13/EA0/17:3#	192,168,2	109	YES	LAN Manual	MAC: PETROTE ANTIPA
					PS 117, 118, 7, 104
					NET Mask:
					Gatewayt The The T. I.
Mode		PPPuE			and the state of t
# LIN . # WAR	N	10:			Part Number 1: [::
P Second F Star	e store	Patra	-		Camera Name: Statt
					1.1000
WLAN					
		18			Wireless speede: C interaction C 1/1
	Ch. Mede	Encrypt		MC	Wireless apmode: (* service service (* 34))
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		Decrypt	M	AC	Window approach: C. Schwarzen and C. Schwarzen Europytian Trype: C. Schwarzen and C. Schwarzen C. Schwarzen and Schwarzen and Schwarzen and C. Schwarzen and C. Schwarzen and Schwarzen M. Schwarzen and Schwarzen and Schwarzen M. Schwarzen and Schwarzen and Schwarzen M. Schwarzen and Schwarzen and Schwarzen and Schwarzen M. Schwarzen and Schwarzen and Schwarzen and Schwarzen M. Schwarzen and S
		Decyg	. 14	MC	Wireless speads: P interaction P for p Exception Type: P more P interaction (Sector) P interaction (Sector) P interaction (Sector) P interaction (Sector) P interaction P interaction (Sector) P interaction P interaction (Sector)
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Step 11: Select the "MAC" and click the "Connect" button to connect the Mega Pixel Wi-Fi Spill-Resistant

Camera.

Network Device [0] Athenus L2 Fa	of Ethernet 18/1	00 Dave T C	astroller	2	no Detect	Cannet
Mode F LAN F W	152.168.2		11 LAN Manual	Network Settin MAC: JP: NET Mask: Gateway: Port Number 1 Canters Name:	112.168 255.255 112.168 80	255.0
WLAN Access Point S				Wireless append		Setup
\$580	Ch. Mede	Excrypt	MAC	Exception Type Copen/WEP64 Share/WEP64 WHW/WEP64 WHW/WEP64 WHW/WEP64 State Stat	keyt C Op tkeyt C Dh C Wi	rn/WEP128 kry

Step 12: When the login screen appears, enter the user name and password (default user name: **root**, default password: **admin**), and click the "OK" button to login your camera.

The server 192.160.2.100 at , requires a username and patiented. Warning: This server is requesting that your username and passivoid be server in an indexer manner (basic subtentication without a secure context).	MEGA I	Pixel IP/ Wi-F	i Camera	
User name: Bassword: Bernember my password Cox Cancel	Language: English V Display Video Audio Notiverk	IP/WIFI Cam		
Windows XP/ Vista dows Security	PPPoE DDNS SMTP FTP Motion Authen Account Port UPnP		This site is optimized for IE 6.0 and 102	4x768 pix or above
Xaming: This server is requesting that your usersame and password be ent in an inserver manner (basic authentication without a secure connection).	Status Upgrade Resot Reboot			
OK Center				

8. Using the Build-In Web for Configuration

Mega Pixel Wi-Fi Spill-Resistant Camera provides a way for users to administrate the camera, a build-in web for accessing the video, setting up the video parameter, configuring the network address etc. After login the camera, the page as below will appear. There are two areas in the page: the Menu List and the Main Display area.

MEGA F	Pixel IP/ Wi-Fi Camera		
Language: Canglah Constant C	IP/WIFI Cam This site is optimize	d for IE 6.0 and 1024x768 ptv or above	

You might access the video stream or select what you want to configure through the Menu List. The video or the details of corresponding configuration will show up in the Main Display area.

8.1 Language Select

You might choose the language used in the build-in web from the draw down list in the top of the Menu List. Mega Pixel Wi-Fi Spill-Resistant Camera supports multi-languages: English, Chinese (Tri), Italian, Russian, French, Japanese, Spanish, Portuguese, Netherlands and German.

	Language:	
	English 💌	
	English	
	Chinese(Tri)	
	Itilian	
H	Russian	
Н	French	
	Japanese	
	Spanish	
	Portuguese	
	Netherlands German	
	German	

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8.2 Display

User can view the video by clicking on the "Display" in the Menu List. The live stream will show up in the

Display area.



NOTE: If your camera view shows a black screen, you need to disable the Internet Explorer's Protect Mode.

Clicks **Tools**, then select **Internet Options**. Click the **Security** tab, and uncheck the box for protected mode, and click Apply. Restart Internet Explorer.



Digital Zoom In/ Out Function: Click left/ right mouse buttons to change the zoom.

- **Zoom In:** Move your mouse cursor to the video display area, and click left mouse button to zoom in (The screen can be zoomed in 5 steps).

- **Zoom Out:** Move your mouse cursor to the video display area, and click right mouse button to zoom out.

8.3 Video Settings

User can adjust the parameters of the video stream by clicking on "Video" in the Menu List. The details of video setting should appear in the Main Display area.

8.3.1 IE User



- Fixed BitRate: User might decide the video quality by the bitrates of the video stream. The range of the bitrates is from 16Kbps to 5Mbps.
- Fixed Quality: User might decide the video quality by selecting the degree of the video quality. Mega Pixel Wi-Fi Spill-Resistant Camera supports up to 11 degrees of video quality.
- Quality Checkbox and QMax/Qmin: If the Quality Checkbox is checked, user might specify a dynamic quality range via QMax/Qmin. The quality range supported by Mega Pixel Wi-Fi Spill-Resistant Camera is from 0 to 51.
- Resolution: Select the video resolution. Mega Pixel Wi-Fi Spill-Resistant Camera supports 4 kinds of resolution: 160 x 120, 320 x 240, 640 x 480 and 1280 x 1024.
- Framerate: Select the frame rate of the video. The range of frame rate supported by Mega Pixel Wi-Fi Spill-Resistant Camera is from 1 to 30 fps.
- **IPInterval:** Select the interval between two I-Frames in the video stream. The higher this value, the easier the video is vague.
- Audio Input: Enable/Disable the audio input of Mega Pixel Wi-Fi Spill-Resistant Camera.
- CMOS Freq: Select the frequency of the CMOS sensor. Please accord to the frequency of the power system (50Hz or 60 Hz) to determine this value.
- Vflip: Vertically rotate the video.
- Mirror: Horizontally rotate the video.
- Save button: Save the configuration. All configurations should be available after the configurations are successfully saved.

8.3.2 iPhone User

Mega Pixel Wi-Fi Spill-Resistant Camera supports iPhone's browser, Safari. If user uses an iPhone to access to the Mega Pixel Wi-Fi Spill-Resistant Camera, the Video Setting page should appear as below.

MEGA	Pixel IP/ Wi-Fi Camera	All all and a second
Language: poglah Video Auou Network Video DDNS DDNS DDNS SMTP FTP TTP Motion Authen Account Pport UPnP Status Luggrade Reset Reboot	Video Settings Quality 40 Resolution VQA(AK0480) Framerate 1569 Audio Input (mable # CMOS Freq Bable # VFilip dable # Mirror dable #	

- Quality: Select the video quality. The degrees of the video quality supported by Mega Pixel Wi-Fi Spill-Resistant Camera are from 1 to 100.
- Resolution: Select the video resolution. Mega Pixel Wi-Fi Spill-Resistant Camera supports 4 kinds of resolution: 160 x 120, 320 x 240, 640 x 480 and 1280 x 1024.
- Framerate: Select the frame rate of the video.
- Audio Input: Enable/Disable the audio input of Mega Pixel Wi-Fi Spill-Resistant Camera.
- CMOS Freq: Select the frequency of the CMOS sensor. Please accord to the frequency of the power system (50Hz or 60 Hz) to determine this value.
- Vflip: Vertically rotate the video.
- Mirror: Horizontally rotate the video.
- Save button: Save the configuration. All configurations should be available after the configurations are successfully saved.

View the Camera from iPhone

Step 1: Assign your IP Camera an IP address and make your IP Camera accessible through the Internet.

Step 2: Connect your iPhone to the network via 3G or Wi-Fi (refer to your user's manual of iPhone for detail about network setting).

Step 3: Open the Web browser (Safari) and enter the URL that you assign to your IP Camera (we use IP in this case). Then the IP Camera will ask you user name (default user name: root) and password (default password: admin) for authentication.





open the Web browser

enter the IP adress

0

1/0130.44.11

enter the user name and password



IP Camera's Web page

8.4 Audio Settings

User can adjust the parameters of the audio stream by clicking on "Audio" in the Menu List. The details of audio setting should appear in the Main Display area.

MEGA	Pixel IP/ Wi-Fi Camera	
Language: English 😨 Display	Audio Settings	
Audio Network	Sample Rate 16000	
WLAN PPPoE DDNS	Save	
SMTP FTP		
NTP Motion Authen		
Account Port		
UPnP Status Upgrade		
Reset Reboot		

- Audio Channels: Select the audio channel. Mega Pixel Wi-Fi Spill-Resistant Camera supports mono and stereo audio.
- Sample Rate: Adjust the audio quality by selecting the sample rate of the audio. The sample rates supported by the Mega Pixel Wi-Fi Spill-Resistant Camera are: 16000, 32000 and 48000.
- Save button: Save the configuration. All configurations should be available after the configurations are successfully saved.

8.5 Network Settings

User can configure the network setting by clicking the "Network" in the Menu List. The details of network setting should appear in the Main Display area.

anguage: English	Network S	ettings	
Display	Wireless Interf	ace	
Video	DHCP Client	OFF -	
Network	IP Address	192.168.1.100	
WELFAIN	Subnet Mask	255.255.255.0	
PPPoE			
DDNS	Gateway	192.168.1.1	
SMTP	Ethernet Interf	ace	
FTP	DHCP Client	OFF -	
NTP Motion	IP Address	192,168,2,100	
Authen	Subnet Mask	255.255.255.0	
Account	Gateway	192.168.2.1	
Port			
UPnP	DNS1	168.95.1.1	
Status	DNS2	168.95.1.1	
Upgrade			
Reset	Save		
Reboot	Antonio Contra		

Wireless Interface:

-DHCP Client: Enable/Disable the DHCP Client function. If the user wants to use dynamic IP address for Mega Pixel Wi-Fi Spill-Resistant Camera, please select "On" here. -IP Address, Subnet Mask and Gateway: If the user wants to use a static IP address for Mega Pixel Wi-Fi Spill-Resistant Camera, please enter the IP Address, Subnet Mask and Gateway

Ethernet Interface:

-DHCP Client: Enable/Disable the DHCP Client function. If the user wants to use dynamic IP address for Mega Pixel Wi-Fi Spill-Resistant Camera, please select "On" here.
-IP Address, Subnet Mask and Gateway: If the user wants to use a static IP address for Mega Pixel Wi-Fi Spill-Resistant Camera, please enter the IP Address, Subnet Mask and Gateway
-DNS Settings: Enter the DNS servers to Mega Pixel Wi-Fi Spill-Resistant Camera for name resolution.

Save button: Save the configuration. All configurations should be available after the configurations are successfully saved.

8.6 Wireless Network Settings

Mega Pixel Wi-Fi Spill-Resistant Camera supports 802.11b/g wireless network. User might configure the wireless setting by clicking on "WLAN" in the Menu List. The details of network setting should appear in the Main Display area. Please note, if the user wants to user the wireless network, he should turn the WLAN/LAN switch to the WLAN side.

Wireless Ne	twork Settings	1		
Mode	Infrastructure 💌	WEP Key use	1 . 64 .	
Operation Mode	Auto 💌	64bits WEP Key1		
Channel	Auto -	64bits WEP Key2		
SSID	default	64bits WEP Key3		
Preamble Type	Long	64bits WEP Key4		
RTS Threshold	2347	128bits WEP Key1		
Fragmentation Thr		128bits WEP Key2		
Authendication	Shared key	128bits WEP Key2		
Authendication	Shared key			
		128bits WEP Key4		
			TKIP •	
		WPA PSK		
hannen				
Save				
1.5				

- Mode: Select the wireless connection mode, whether Infrastructure or Ad-Hoc.
 -AD-Hoc: If the user wants to use a wireless peer-to-peer connection, please select "Ad-Hoc".
 -Infrastructure: If the user wants to connect Mega Pixel Wi-Fi Spill-Resistant Camera with a wireless access point, please choose "Infrastructure".
- Operation Mode: Select the protocol that Mega Pixel Wi-Fi Spill-Resistant Camera uses in the wireless network. Mega Pixel Wi-Fi Spill-Resistant Camera supports 802.11b/g protocol.
- **Channel:** Select the RF channel used in the wireless network.
- **SSID:** Enter the SSID of the wireless network.
- **Preamble Type:** Select the type of preamble. The default value is long.
- **RTS Threshold:** Set the RTS threshold. The default value is 2347.
- Fragmentation Threshold: Set the Fragmentation Threshold. The default value is 2346.
- Authentication: Select the authentication method used in the wireless network. Mega Pixel Wi-Fi Spill-Resistant Camera supports Open System, Share Key, WPA-PSK and WPA2-PSK authentication methods.
- WEP Key Setting: Mega Pixel Wi-Fi Spill-Resistant Camera supports 64bit and 128bit WEP encryption. Please configure the WEP parameters according to the user's wireless network.
- WPA Encryption: Mega Pixel Wi-Fi Spill-Resistant Camera supports TKIP and AES encryption for WPA enabled wireless network. Please configure this value according to the wireless network.
- WPA PSK: If the WPA-PSK, WPA2-PSK is enabled, please enter the key according to the wireless network.
- Save button: Save the configuration. All configurations should be available after the configurations are successfully saved.

8.7 PPPoE Configuration

Mega Pixel Wi-Fi Spill-Resistant Camera supports PPPoE dial-up function that let it directly connect to the Internet through a DSL modem. Please click on the "PPPoE" in the Menu List for further setup.

anguage: Inglish	PPPoE Configuration	
Display		
Video	User Name	
Audio	Password	
Network	Password Retype	
*** ***	Auto Start after reboot	
PPOE	Li Adeo Scare alter rebooe	
DDNS		
SMTP	Apply	
FTP	мрру	
ITP		
lotion		
Authen		
Account		
Port		
JPnP		
Status		
Jpgrade		
Reset Reboot		

- PPPoE User/Password: User might enter the PPPoE user name and password here.
- Auto start after reboot: If this function is selected, the PPPoE function will auto start after the Mega Pixel Wi-Fi Spill-Resistant Camera reboot.
- Apply button: Apply the configuration. All configurations should be available after the configurations are successfully saved.

8.8 Dynamic DNS

Dynamic DNS is a network service that provides the domain name resolution for dynamic IP address. After creating an alias on the service provider's web site, user might use this alias to access Mega Pixel Wi-Fi Spill-Resistant Camera on the Internet. For further configure this function, please click on the "DDNS" in the Menu List.

•:	Dynamio	C DNS Disable	
	Service Con	figuration	
		DynDNS.org	
	Interface	ppp0	
	Host Name	*****	
	User Name	*****	
	Password	*****	
	OK		
12			

- Dynamic DNS: Enable/Disable: Enable/Disable the DDNS function.
- DDNS Service: Select the DDNS service provider the user wanted to use.
- Interface: Select the network interface for registering. If Mega Pixel Wi-Fi Spill-Resistant Camera connects to the Internet via a PPPoE connect, please use the ppp0 interface.
- **Host Name:** In put the host name (alias) that the user creates on the service provider's web site.
- User Name/Password: Enter the account information for login the DDNS service.
- **OK button:** Press "OK" button for apply the configurations.

8.9 SMTP Settings

Mega Pixel Wi-Fi Spill-Resistant Camera supports a build-in SMTP client for sending alarm e-mail. When the motion detection function (see 8.12, Motion Detection Settings) is enabled, user might choose to receive alarm e-mail when motion is detected. Please click on "SMTP" in the Menu List for further configuration.

anguage:	SMTP Setti	ngs	
English 💽 Display		-	
Video	SMTP Server	smtp.org.tw	
Audio	Recipient	test@gmail.com	
Network	Username	test	
WLAN	110000000000000000000000000000000000000		
PPPoE	Password		
DDNS	Authentication M	ethod PLAIN	
SMTP			
FTP NTP	Save		
Motion			
Authen			
Account			
Port			
UPnP			
Status			
Upgrade			
Upgrade Reset Reboot			

- SMTP Server: Enter the mail server's address that the user wants to use for sending e-mails.
- Recipient: Enter the e-mail address for receiving the alarm e-mail.
- **Username/Password:** Enter the account information for logging in the mail server.
- Authentication Method: Select the authentication method for the delivering e-mail account.
- Save button: Save the configuration. All configurations should be available after the configurations are successfully saved.

8.10 FTP Settings

Mega Pixel Wi-Fi Spill-Resistant Camera supports a build-in FTP client for uploading image or video. When the motion detection function (see 8.12, Motion Detection Settings) is enabled, user might choose to upload video or image when motion is detected. Please click on "FTP" in the Menu List for further configuration.

MEGA	Pixel IP/ Wi-Fi Camera	
Language: English	FTP Settings	
Display Video Audio Network Witan PPP66 DDNS SITD FTP AUTHOR Authen Authen Authen Authen Port UPnP Status Upgrade Reset Reboot	FTP Server 192:168.1.1 FTP Port 21 Username User Password •••••• Remote Folder / Passive Mode OFF • Save	

- **FTP Server:** Enter the FTP server's address that the user wants to use for uploading files.
- **FTP Port:** Enter the FTP port number. The default port used in FTP is 21.
- **User Name/Password:** Enter the account information for logging in the FTP server.
- Remote Folder: Enter the remote folder on the FTP server for uploading files.
- Passive Mode: If the FTP server supports passive mode, user might enable this function for utilizing this mode.
- Save button: Save the configuration. All configurations should be available after the configurations are successfully saved.

8.11 Date and Time Settings

User could click on the "NTP" in the Menu List for configuring the time of Mega Pixel Wi-Fi Spill-Resistant Camera.

anguage: English	Date Time		
Display	Synchronized with Ti	2011 - 2010-00	
video			
Audio	NTP Server	clock1.redhat.com	
Network WLAN	Time Zone	GMT + 8 💌	
PPPOE	C Manual Update		
DDNS	Date	2009/06/19	
SMTP			
FTP	Time	00:06:28	
NTP	C Synchronized with P	1	
MOLIOII	Date	2009/06/19	
Authen	Time	00:06:29	
Account	Time	00.00.29	
Port			
UPnP	Save		
Status			
Upgrade			
Reset			
Reboot			

Synchronized with Time Server: Use a NTP server to configure the time of Mega Pixel Wi-Fi
 Spill-Resistant Camera

-NTP Server: Enter the NTP server the user wants to use.

-Time Zone: Enter the Time Zone in which Mega Pixel Wi-Fi Spill-Resistant Camera is located.

Manual Update: Configure the time of Mega Pixel Wi-Fi Spill-Resistant Camera manually.
 -Date: Specify the date here.

-Time: Specify the time here.

- Synchronized with PC: When this function been selected, Mega Pixel Wi-Fi Spill-Resistant Camera will synchronize its time with the PC that is browsing it.
- **Save button:** Save and apply the configuration.

8.12 Motion Detection Settings

Mega Pixel Wi-Fi Spill-Resistant Camera supports the motion detection function. When this function is enabled, Mega Pixel Wi-Fi Spill-Resistant Camera will monitor the video captured by it. And Mega Pixel Wi-Fi Spill-Resistant Camera will send alarm e-mail with image/video or upload the image/video to a FTP server when some object moves in the video.

Mation Datastian Satting	
Motion Detection Setting	
Detection Frame Interval 15	
Detection Plane Incerval	
Window	Alarm Picture
Motion Detection On	Enable Off
Sensitivity 100	Filename(.jpg) /alarm-pic
Threshold 1	
Start Coodinate X 0 Y 0	
Stop Coodinate X 1280 Y 1024	
Alarm Action	Alarm Video
Alarm Mail Off	Enable Off
Alarm Ftp Off	Pre-alarm I Frame Number
	Post-alarm I Frame Number 1
	Filename(.avi) //alarm-video

- **Detect Frame Interval:** Define the detection frame interval here.
- Window: Define the detection area which needs to be monitored in the video. User could draw this area by using the x and y coordinates.

-Motion Detection On/Off: Enable/Disable this detection area. The lower this value, the easier the motion detection is triggered.

-Sensitivity: Defines a value of the changes. It compares the last image and the current image and counts changes. A small value means more sensitivity.

-Threshold: Set the threshold of the motion detection function.

-Start/Stop Coordinate: Using the X, Y coordinate to draw the scope of the detection area.

Alarm Picture: Configuring the alarm picture here. The pictures will be sent with the alarm e-mail or upload to the FTP server when motion is detected.

-Enable: Enable/Disable the alarm picture function.

-Filename: Set the name of the pictures sent along with the e-mail or uploaded to the FTP server.

Alarm Video: Configuring the alarm video here. The video clips will be sent with the alarm e-mail or upload to the FTP server when motion is detected.

-Enable: Enable/Disable the alarm video function.

-Pre-Alarm I Frame Number: Set the I frame number the user wants to capture before the motion happened.

-Post-Alarm I Frame Number: Set the I frame number the user wants to capture after the motion happened.

-Filename: Set the name of the video clips sent along with the e-mail or uploaded to the FTP server.

- Alarm Action: Enable/Disable the Mail/FTP upload function.
 -Alarm Mail: Enable/Disable the alarm e-mail function. Before enabling this function, please configure the SMTP configuration first. (refer to section 8.9)
 -Alarm Ftp: Enable/Disable the FTP upload function. Before enabling this function, please configure the FTP configuration first. (refer to section 8.10)
- **Save button:** Save and apply the configuration.

8.13 Authentication Settings

Mega Pixel Wi-Fi Spill-Resistant Camera provides video stream authentication. If this function is enabled, users need to be authenticated for accessing the video stream. For further configure this function, please click on the "Authen" in the Menu List.

anguage:		
English 💌	Authentication Settings	
Display		
Video	Authentication Enable O on O off	
Audio	Number of Connections 10 -	
Network	13-17-58	
WLAN	Save	
PPPoE	Save	
DDNS		
SMTP		
FTP		
NTP		
Authen		
Account Port		
UPnP		
Status		
Upgrade		
opgrade		
Reset		

- Authentication On/Off: Enable/Disable video authentication.
- Number of Connections: User might specify the maxima of connections here. Mega Pixel Wi-Fi Spill-Resistant Camera could support up to 20 connections simultaneously.
- **Save button:** Save and apply the configuration.

8.14 Account Management

User could change the password of the root account through the Account Management. Click on "Account" in the Menu List and follow the steps below for changing the password:

Step 1: Enter the user name and current password twice. Then press the "OK" button for getting into the "Change Password" page.

Language: English	Account Management	
Display	LOGIN	
Video		
Audio	User Name	
Network		
WLAN	Password	
PPPoE	Confirm	
DDNS		
SMTP		
FTP	OK	
NTP		
Motion		
Authen		
Account		
Port		
UPnP Status		
Upgrade		
Reset		

Step 2: Enter the new password twice. And then press "SET PASSWORD" button for changing the password.

MEGA	Pixel IP/ Wi-Fi Camera	All all a
Language: English Display Video Audio Network	Account Management match_string=[cm9vdDph2G1pbg==] root login successfully. Change Password	
WLAN PPPoE DDNS SMTP FTP NTP	New Password Confirm BET PASSWORD	
Motion Authen Account Port UPnP Status		
Upgrade Reset Reboot		

8.15 Port Settings

User could change the port number that used by the video stream. The video stream utilizes the RTP/RTSP protocol for delivering through the network. Click on "Port" in the Menu List for further settings.

MEGA	Pixel IP/ Wi-Fi Camera	
Language: English v Display Video Audio Network WLAN PPPOE DDNS SMTP FTP SMTP FTP NTP Motion Authen Account Port UPnP Status Upgrade Reset Reset Reboot	Port Settings RTSP Port 554 Control Port 21 RTP Range Low 50000 RTP Range High 60000 HTTP Port 80 RTSP over AUTO V Save	

- **RTSP Port:** Specify the port number the user wants to use for RTSP. The default port is 554.
- Control Port: Specify the control port the user wants to use for sending controlling message to Mega Pixel Wi-Fi Spill-Resistant Camera. The default port number is 21.
- RTP Range Low/High: User might specify the range of the random port that used by RTP protocol. The default range is from 50000 to 60000.
- HTTP Port: User might change the default port used by HTTP protocol here. The default port number is 80.
- **RTSP Over:** Select the transferring protocol from AUTO, UDP or TCP.
- **Save button:** Save and apply the configuration.

8.16 UPnP Services

Mega Pixel Wi-Fi Spill-Resistant Camera supports UPnP function. Using this function, user could find Mega Pixel Wi-Fi Spill-Resistant Camera by just one click on "My Network Place" (Windows XP and later version). For further setting the UpnP function, please click on the "UPnP" on the Menu List.

iguage: glish 🔀	UPnP Services (Please make sure default gateway is right on Network setting before enable UPnP)
eo io	O On
work	Discovery Enable
AN	UPUP HOSTNAME: host
PoE	NAT Traversal Enable
IS	
,	€ off
m	Apply
n n	
int	
P	
115	
ade	

8.17 Video Connection Status

User could view the video connection status of Mega Pixel Wi-Fi Spill-Resistant Camera by clicking on the "Status" in the Menu List.



- ON: Enable the UPnP function.
- Discovery Enable: If this function is checked, a Windows user could find Mega Pixel Wi-Fi Spill-Resistant Camera in the My Network Place. About how to enable the UPnP function in the Windows, please refer to "Section 10 Using UPnP to Connect to the Camera"
- UPNP HOSTNAME: Specify the host name for the UPnP function here.
- NAT Traversal Enable: Enable/Disable NAT Traversal function. If Mega Pixel Wi-Fi Spill-Resistant Camera is located behind a router (uses a NAT network technology), and the router supports NAT Traversal function, user might enable Mega Pixel Wi-Fi Spill-Resistant Camera to negotiate with the router about the port configuration via this function.
- Off: Disable the UPnP function.

8.18 Firmware Update

User could update the firmware of Mega Pixel Wi-Fi Spill-Resistant Camera when upgrade is needed. Please follow the steps below for updating your firmware.

Step 1: Get the new firmware and save it in the hard disk.

Step 2: Log in the Mega Pixel Wi-Fi Spill-Resistant Camera. Click on the "Upgrade" in the Menu List. **Step 3:** Click on the "Browser" button in the Main Display area and a dialogue box will pop up for the user to choose the new firmware file (the file saved in Step 1).

Step 4: Click on "Upgrade" button for starting the upgrade process.

Language: English Display Video Audio Network WLAN PPPot DONS SMTP FTP Notion Authen Account Ppot	MEGA	Pixel IP/ Wi-Fi Camera
FTP Molion Authen Account Port	Display Video Audio Network WLAN PPPoE DDNS	Warning Upgrading firmware may take a few minutes, prease cont tom on the power or press the reset button.
	FTP NTP Motion Authen Account Port	

8.19 Reset Configuration

User could reset the configuration of Mega Pixel Wi-Fi Spill-Resistant Camera. Please follow the step for resetting the camera.

Step 1: Log in Mega Pixel Wi-Fi Spill-Resistant Camera and click on the "Reset" button in the Menu List.
Step 2: Select which kind of configuration or "ALL" for all configurations to reset.
Step 3: Click on "OK" button for resetting the configuration.



NOTE: The upgrading process **should not** be interrupted, that is user should not turn off the power of or reset the Mega Pixel Wi-Fi Spill-Resistant Camera when upgrading, for that will cause a hardware damage of Mega Pixel Wi-Fi Spill-Resistant Camera.

8.20 Reboot the Camera

User could reboot Mega Pixel Wi-Fi Spill-Resistant Camera via the browser. Please follow the steps below for rebooting the camera.

Step 1: Log in Mega Pixel Wi-Fi Spill-Resistant Camera and click on the "Reboot" in the Menu List. Step 2: Click on the "Reboot" button in the Main Display area for rebooting the camera.

MEGA	Pixel IP/ Wi-Fi Camera	,	
Language: English Display Video Audio Network WLAN PPPot DDNS SMTP FTP MTP MOtion Authen Authen Account Port UPpP Status Status Reboot	Reboot This action will reboot the device. Reboot		

9. Connecting Multiple Cameras to a Router



Step 1: Assign a local IP Address and Http Ports for your cameras (confirm the cameras settings corresponding to your network settings; you must use the same gateway and Subnet Mask).

Step 2: Set up the router to open the ports of cameras for remote access the cameras via internet (refer to your router's user manual for how to open up ports).

Step 3: Accessing your cameras.

- Access on local network

Enter "http:// 192.168.1.100" to access the camera 1;

Enter "http:// 192.168.1.101" to access the camera 2.

- Access from the internet

Enter "http:// 61.30.13.40:80" to access the camera 1; Enter "http:// 61.30.13.40:81" to access the camera 2.

10. Using UPnP to Connect to the Camera

- Confirm the UPnP function of the video sever has been enabled (refer to section 8.16).
- Follow the steps below to enable SSDP and UPnP in Windows XP/ Vista/ 7.

Step1: Open the Services window.

Windows XP/ Vista: "Start" \rightarrow "Setting" \rightarrow "Control Panel" \rightarrow "Administrative Tools" \rightarrow "Services". Windows 7: "Start" \rightarrow "Control Panel" \rightarrow "Administrative Tools" \rightarrow "Services".

Step2: In the Services window, double-click the service SSDP Discovery.





Windows Vista/ 7

Step3: Select Automatic in the Startup type item, and click Start to enable the service.



Windows XP



Step4: Repeat the step2 and step3 to start the Universal Plug and Play Device Host (Windows XP) or UPnP Device Host (Windows Vista/ 7) service.



Step5: Open the **My Network Places** (Windows XP) or **Network** (Windows Vista/ 7) on the desktop, click the "**host**" to connect the video server directly. (The **host** is the default UPnP host name)



Windows XP







Windows 7

11. Surveillance Software

11.1 Using the Mega Pixel IP Camera Viewer

Double click on (5) Mega Pixel IP Camera Viewer's execution file on Windows Desktop or in the Mega

Pixel IP Camera Viewer folder of the Start menu. When the program is executed, the following screen

will appear (refer to section 6.2 Software Installation).



11.1.1 Date/ Time Info.

Display local date and time.



11.1.2 Screen Split Button

Selects screen layout for viewing live video from multiple cameras: 1/4/8/9/13/16.



11.1.3 System Setup

System Setup include: Global Parameters, Record All Channels, Account Manager, Login and Language.



11.1.3.1 Global Parameters Setting



Press the 🕮 button and the Global Parameters Setting window will be displayed.

Disk Reserved (GB) 2.00 File Package (min) 30 Max IP Cameras 16 Save snapshot as JPEG File Folder D:\New Folder	File Package (min) 30 Max IP Cameras 16 Save snapshot as JPEG File	Video			
Max IP Cameras 16 Save snapshot as JPEG	Max IP Cameras 16 Save snapshot as JPEG File Folder	Disk Reserve	d (GB)	2.00	10
File Folder	File Folder	File Package	(min)	30	N.C.
File Folder	File Folder	Max IP Ca	neras	16	Single Si
File Folder	File Folder	Save snaps	hot as	JPEG	and a second
		Folder			

(1) Video

- Disk Reserved (GB): Set the free space reserved in each HDD.
- File Package (min): To separate the recording file by minutes (30 as default).
- Device Max: The maximum devices supported from 1 to 16 up to the device installed.
- Save snapshot as: Select the snapshots in BMP or JPEG format.

(2) File

Press the Folder... button to select the folder which stores the snapshots or recording files.

NOTE: Press the OK button to save and apply the configuration.

11.1.3.2 Record All Channels

Press the button to record all of the available channels according to the scheduler setting. Press the button again to stop recording.

11.1.3.3 Account Manager

Press the button to open the **Passwords Setting** window. You can set a user's password and an administrator's password.

If the Check Password is selected, the users must enter the passwords when login.

	Confirm Again
and the second sec	Check Password
	Password Admin

11.1.3.4 Login: Enter the passwords of User or Administrator to switch between user and administrator

accounts.



11.1.3.5 Language: Select the OSD language.

Language Setup		X
English	•	ОК

11.1.4 Camera Setup

The buttons in the bottom of each channel are the functions for current channel only.



11.1.4.1 Setup



- (1) **CH. Name**: Enter the channel name.
- (2) Login: Enter the User ID of the camera (default login: root).
- (3) **Password**: Enter the password of the camera (default password: **admin**).
- (4) Encorder IP: Enter the IP address of the camera.
- (5) CGI Port: Enter the CGI port of the camera (default CGI port: 80).
- (6) Dev. Name: Select the connected device (select to the IP Camera).
- (7) **Resolution**: Select the resolution among 160x120/ 320x240/ 640x480/ 1280x1024.
- (8) Flip: Vertically rotate the video.
- (9) **Mirror**: Horizontally rotate the video.
- (10) I-Frame Only: Enable/ disable the I-Frame function.
- (11) Audio Enable: Enable/ disable the audio function.
- (12) Auto Connect: Automatically connect to the camera when execute the program.
- (13) **More...**: Directly open the build-in Web for more configurations.

NOTE: Press the OK button to save and apply the configuration.

11.1.4.2 Connect: Click the button to connect the camera directly, the image of camera will display in the preview window.

Network		
CH. Name	Camera01	
Login	root	
Password	*****	
Encoder IP	192.168.1.100	
CGI Port	80	
	0: IP Camera	
Resolution	VGA(640×480)	
Resolution Flip		
Resolution Flip	VGA(640×480)	
Resolution Flip Mirror	VGA(640×480) • OFF •	
Dev.Name Resolution Flip Mirror I-Frame Only AudioEnable	VGA(640×480) • OFF • OFF •	

11.1.4.3 Refresh: To refresh the videos, the recording process will be stopped and restart again. If the video is unstable after some high CPU resource programs, CPU usage may come to 100% and all the resources are taken. In that case, the system may run in slower mode than ever. Please click "Refresh" to renew the system and get it backs to higher performance.

- 11.1.4.4 Record: Record the current camera only.
- 11.1.4.5 Snapshot: Take a snapshot of live video.
- 11.1.4.6 Scheduler: Set the recording mode based on the weekday hour.



- Please click on the weekday hour block to change the recording mode or just drag the mode to the weekday hour block.
- (2) Enable Motion Detection: Enable/ Disable the motion detection function.
- (3) Post-Alarm Recording: Enter the recording duration (seconds) after motion is detected

NOTE: If you want to use the motion detection recording function, be sure to enable the **Motion Detection** function and set the **Post-Alarm Recording**, and confirm the **Motion Detection** (refer to

section 8.12) and the Alarm Picture (refer to section 8.12) have been enabled.

- (4) Please save the file before exiting the setting dialog.
- (5) Press the Apply button to update the current scheduler, and press the SAVE or Save As button to save the configuration. Press the QUIT button to exit.
- (6) Repeat the above steps to set up the other cameras.
- (7) After setting, press the Record button on the right side of the screen to start scheduled recording.



11.1.5 Hard Disk Info.

File package and disk free space amount.



11.1.6 Channels

16 channels indicators to control the function buttons.

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

11.2 Motion Detect Setting

Click the right mouse button on the video of the connected camera to open the setup windows.

Motion Detect Setting	
	Enable Motion Detection
	Frame Interval 15
	Sensitivity 100 -
	Thresdhold 32 🛫
	Start Coordinate 🗙 🛛
	Y 0
	End Coordinate × 1280
	Y 1024
	✓ All Area Mark
	Trigger Sound
	Trigger Period 3
	OK Cancel

- Enable Motion Detection: Enable/ Disable the motion detection function.
 After enable the motion detection function, the Frame Interval, Sensitivity ((most sensitive) 1 >2...> 254(least sensitive)) and Thresdhold ((most sensitive) 1 >2...> 254(least sensitive)) items can be adjusted.
- Set the Motion Area: Click and hold down the right mouse button in the video window and move the mouse to select motion area.
- Trigger Sound: Select the alarm sound (supports WAV format).
- Trigger Period: Set the interval time (second) of alarm sound.

11.3 Play the Recorded Files

The recorded files can be played by Windows Media Player program.

Step1. Open the Windows Media Player and select Now Playing.



Step2. Drag the recorded files to the list on the right side of the window.



Step3. Simply double-click the recorded file on the list and it will begin to play.

12. Troubleshooting

Situation	Check Point
	1. Adjust the camera's image quality through the
The focus is bad	configuration menu.
	2. Adjust by turning clockwise or counter-clockwise the
	focus manually.
Noisy Image	1. If the camera works in dim environment, the images
Noisy illiage	might be noisy. You need more lighting.
No images available	1. Confirm the ActiveX has been enabled.
through Web browser	2. Confirm the version of your Internet Explorer. If the
through web blowser	version number lower than 5, you need to upgrade it.
Can't connect	1. This might be caused by the firewall protection. Check
externally (can work	the internet firewall with your system administrator.
locally)	2. Refer to section 9 for more information about
iocally)	connecting multiple cameras to a router.
	1. Restore the Factory Default Settings: Press
	continuously the Default button on the rear of the
Forgot the login user	camera until the System LED turn off.
name and password	Default IP Address: 192.168.1.100
	Default User Name: root
	Default Password: admin
	1. Confirm the WLAN Setup has been set correctly refer
	to section 7.2 & 8.6).
Wireless network	2. Confirm the LAN/ WLAN switch (on the rear of
	camera) has been switched to Wireless mode.
not working	3. Ensure that you wireless router supports 802.11b/g.
	4. Adjust the wireless antenna for better signal
	reception.