## Pixord

# H.264 Series 2-Megapixel Compact Network Camera

# P606 / P606W

# P607 / P607W

## **User's Manual**



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## Notices

This user manual is intended for administrators and users of the PiXORD P606(IR) and P607(White light) Network Camera, including instructions for using and managing the camera on your network. The use of surveillance devices may be prohibited by law in your country. It is the user's responsibility to ensure that the operation of such devices is legal before installing this unit for its intended use.

Before the Network Camera is installed, all the safety and operating instructions should be carefully read and followed to avoid damage due to faulty assembly and installation. This also ensures the product is used properly as intended.

#### Heed all warnings

Do not drop or strike this equipment

Sensitive electronics inside the camera are vulnerable to excessive strike.

- Do not install the equipment near any flames or heat sources Excessive heat could damage this equipment.
- Do not cover cloth or to install this equipment in poorly ventilated places.
   Overheating could damage this equipment.
- Do not expose this equipment to rain or moisture. Do not touch the power connection with wet hands

Risk of short circuit, electric shock or fire

- Do not damage the power cord or leave it under pressure
   Risk of fire or shock circuit
- To reduce the risk of electric shock, do not remove the Cover (or Back). No user-serviceable parts inside. Misusage, improper, and negligence could damage this equipment. Need to refer servicing to qualified service personnel.
- Do not continue to operate if there appears to be fault.
   If the unit ceases to function, contact qualified service personnel for help.
- All work related to the installation of this product should be made by qualified service personnel or system installers.

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#### Support

If you require any technical assistance, please contact your PiXORD reseller. You can connect to the Internet PiXORD's website: www.pixord.com for below information,

- Download user documentation and firmware updates at PiXORD Support ( http://www.pixord.com/support/support.asp)
- Find answers to resolved problems in the FAQ database. Or contact our FAE at technical support (<u>http://www.pixord.com/contact2.asp</u>)

## Introduction

PiXORD P606(IR) and P607(White light) Network Camera delivers superior H.264-AVC performance, state of the art design and function. P606/P607 is specifically adapted for maximum performance indoor applications, such as commercial, banking, government buildings, schools, universities and airports.

H.264-AVC video compression can lower bandwidth and storage requirements without compromising image quality; Motion JPEG is supported for increased flexibility, as well as multiple independent video streaming.

P606/P607 value-added features include; on-board video motion detection, SD slot for storage recording, and two-way audio. Consequently, P606/P607 is "Best in Class" for maximum performance IP video surveillance systems, demanding superior image quality, ease of installation, and intelligent video capabilities.

## Installation

## 1. Hardware Connection



- 1 Prepare a PC with Ethernet link to the network
- 2 Connect LAN Port (RJ45) of the camera to a Network Switch/Hub.
- Connect power jack.
- ④ Ensure the power adapter specification matches the power system (110V or 220V). Connect the adapter to the outlet.
- ⑤ Check LED status. (Power/Network)

## 2. Software Installation

The following software is necessary for the proper display and use of the P606/P607 from the Web site. The software will be taken from the Software Package CD.

#### IP Installer

The IP Installer is used to locate and configure network cameras and video servers on the LAN. This utility is useful for conveniently configuring the network settings of the device, or for finding a device once the network settings have been modified.

To install the IP Installer, from the Software Package CD UI, select IP installer, then follow the on screen instructions.

#### XVID Codec

An H.264 codec is applied for displaying the video stream and playing the recoded AVI files. If the video stream can't be displayed or the recorded AVI files can't be play on PC, install this software from the Software Package CD.

#### <u>VLC</u>

Though not necessary, this can be used for viewing the streaming without a Web browser.

## 3. Network Configuration

IP Installer is a utility that provides an easier, more efficient way to configure the IP address and network settings of the devices. It even provides a convenient way to set the network settings for multiple devices simultaneously using the batch setting function. Moreover, IP Installer can save the network settings for all devices as a backup and restore them when necessary.

#### Preparation before IP Assignment

- 1. Always consult your network administrator before assigning an IP address to your server in order to avoid using a previously assigned IP address.
- 2. Ensure the camera is powered on and correctly connected to the network.
- 3. MAC Address: Each device has a unique Ethernet address (MAC address) shown on the label of the device as the serial number (S/N) with 12 digits (e.g. 000429-XXXXX).



4. Although the IP Installer is able to find and configure any P606/P607 in the LAN except those that are behind a router, it is a good idea to set the host PC to the same subnet. In order to connect to the Web-based user interface of the camera, the host PC must be in the same subnet. For more information about subnets, please consult your network administrator.

#### Using IP Installer to Assign an IP Address to P606/P607

1. Once IP Installer has been successfully installed on the PC, double click the IP Installer icon on the desktop, or select it from Start > Programs > IP Installer > IP Installer > Launch IP Installer.



2. Click the menu bar Tool > Search Network Device to search the device in the LAN.

🐻 Untitled - II	Pinstaller				
File Edit View	Tool Help				
🗋 🗅 🚅 💽 📢	Search Network Device	Ctrl+F			
State Model	Batch Setting Selected		Subnet Mask	Gateway	DNS1
	Synchronize Selected Compare Selected	Ctrl+D Ctrl+E			
<					>
Serach All Network	Device				

- 3. From the list, select the device with the MAC Address that corresponds to the P606/P607 that is to be configured. The MAC Address is identical to the unit's S/N (Serial Number).
- 4. Double click the item to open the Property Page for the selected device or click the menu bar View > Property.

<b>80</b> U	ntitle	d - IPInstaller						
<u>F</u> ile	<u>E</u> dit	<u>V</u> iew <u>T</u> ool <u>H</u> elp						
D	🖻 (	✓ <u>T</u> oolbar	🖻 🛍	?				
State	1	✓ Status Bar		IP Address	Subnet Mask	Gateway	DNS1	DNS2
	]	Open Web	-b2-ff	192.168.2.94	255.255.255.0	192.168.2.254	192.168.0.13	192.168.0.16
		Property	-98-ff	192.168.2.95	255.255.255.0	192.168.2.254	192.168.0.13	168.95.1.1
		Def. How Dec	21 II	192.168.2.142	255.255.255.0	192.168.2.254	192.168.0.13	168.95.1.1
	1		-10-90	192.168.2.31	255.255.255.0	192.168.2.254	192.168.0.13	192.168.0.16
	1	600DN 00-04-29-00	-8c-ff	192.168.2.90	255.255.255.0	192.168.2.254	168.95.1.1	168.95.1.1

5. After filling in the properties, click [Set] button to complete the configuration settings in the remote device while saving configuration in the PC. If click [Close] button, the configuration is only be saved in the PC.

Property Page		×
Video Server		Close
Mac Addr		
00-04-29-01-08-ff		Cancel
Firmware Version		Set
1.0.2_rc5.4391		
Property		
IP Address	192.168.2.155	
Subnet Mask	255.255.255.0	
Gateway	192.168.2.254	
Http Port	80	
DNS1	192.168.0.13	
DNS2	192.168.0.16	
DNS3	168.95.1.1	
Username & Passwi	ord	
☐ Use Custom		
Username adr	nin	
Password	k	

#### Open the Web-based UI of the Selected camera

- 1. To access the Web-based UI of the selected unit, run the View > Open Web on the menu bar.
- 2. If the device has been configured correctly, the default Web browser will open to the home page of the selected device.
- 3. If you find your browser is opened and automatically connected to the camera Home Page, it means you've assigned an IP Address to the unit successfully. Now you can close the IP Installer and start to use your camera.

#### Verify and Complete the Installation from Your Browser

When browsing the Home Page at the first time with the Microsoft Internet Explorer<sup>TM</sup>, you must temporarily lower your security settings to perform a one-time-only installation of the ActiveX component onto your workstation, as described below:

- 1. From the Tools menu, select [Internet Options]
- 2. Click the [Security] tab and then click [Custom Level] button to see your current security settings.
- 3. Set the security level to Low and click [OK].
- 4. Type the URL or IP address of your camera into the Address field.
- 5. A dialog box will pop up asking if the ActiveX control should be installed. Click [Yes] to start the installation.

Once the ActiveX installation is complete, return the security settings to their original value, as noted above.

## Using the Web UI

Start your Web browser and enter the URL or IP address in the Address field. The Home page of the camera is now displayed.



## 1. Live View



Button	Description
SETUP	Click for more general/advance camera settings
LANGUAGE	Select languages among English, traditional Chinese and simplify Chinese
IMAGE SETUP Actual Size Image Setting	Check actual size to view the actual size (resolution) of the image Image Setting – To adjust the brightness, hue and saturation
MANUAL TRIGGER	Click to trigger the alarm manually
VIDEO STREAM	Choose among the 3 streams for viewing

PIXORD	IP: 10.0.0.37	H264	1600X1200	19 FPS	2805 K bps	2009-12-07
		07 11:24:49				
809		°06				

Button	Description
8	Full screen
	Listen the audio input from local end
Ŷ	Talk function
	Record instant live video
	Snapshot the image
90	Rotate image 90 degrees clockwise

### **Configuration Pages List**

Video

- > General
- Advance
- External Video Source

#### Camera:

- > General
- Advance

#### Event

- Event Server
- Motion Detection
- Event Configuration

#### Schedule

- General
- > Storage

#### Network

- General
- > Advance
- SMTP (E-mail)
- > DDNS
- > Wireless

#### <u>System</u>

- Information
- > User
- Date & Time
- Server Maintenance
- Log Service

#### <u>Customize</u>

Style Layout

## 2. Video

## <u>General</u>

General		Advar	nced	
Video General Setting	ć			
🗹 Enable Stream 1				
Enable Stream 2				
Enabled Digital PT	z			
🗹 Enable Stream 3				
OSD Setting				
🗹 Enable				
🗹 Camera Name:	CH1	(20 charact	er max)	
Date/Time				

Video General Setting: Check each box to enable streams (max 3) for live viewing

Note: Digital PTZ is only available with stream 2

OSD Setting: Enable OSD to display camera name and date/time on the image

## Advanced

General	Advanced	External Video Source
Stream 1 Setting		
RTSP Path:	v00	Image Format: 🛛 H. 264 💌
Resolution:	640 × 480 💌	GOP: 30 (1~150)
Video Mode:	CBR 💌	Frame Rates: 30 (5~ <mark>30</mark> FPS)
Target Bit Rates:	2000 (64~6000 Kb	)
Stream 2 Setting		
RTSP Path:	v01	Image Format: 🛛 H. 264 💌
Resolution:	640 × 480 💌	GOP: 30 (1~150)
Video Mode:	VBR 💌	Frame Rates: 30 (5~30 FPS)
Quality Level:	Standard 💌	
Stream 3 Setting		
RTSP Path:	v02	Image Format: 🛛 H. 264 💌
Resolution:	320×240	GOP: 30
Video Mode:	VBR	Frame Rates: 30 (5~30 FPS)
Quality Level:	Standard	

#### Stream 1 Setting:

- RTSP Path: It is the stream ID used for RTSP client streaming connection, such as VLC player. (default v00)
- Resolution: Choose image size from 320x240 to 1600x1200
- Video Mode: Choose between variable bit rate (VBR) and constant bit rate (CBR)
   VBR-> Choose quality level from best to standard
   CBR-> Choose target bit rate range from 64 to 6000kb
- Image Format: 2 kinds of format to choose from; MJPEG and H.264
- ➢ GOP: Group of picture
- Frame Rates (FPS): Choose the number of frames to display per second
   With resolution 1600x1200, FPS can only set up to 15FPS. The rest can set up to 30FPS.

#### Stream 2 Setting:

Configuration of stream 2 is the same as stream 1.

Note: Resolution can only be set to 320x240 or 640x480

#### Stream 3 Setting:

Only RTSP path, image format and frame rate and be adjust, the rest of the settings are fixed.

## 3. Camera

## <u>General</u>

4	General	Advanced	
		F.	
Camera Gene	ral Setting		
Brightness:	•		
Hue:	•	• •	
Saturation:	•		
Rotation 18	0		
Audio Setting			
Audio Enable	2		
Web Record S	etting		
Save Path:			
File Name:			
		Bi	owse
Web Snapshot	t Image Setting		

Default Save

Browse

#### **Camera General Setting:**

- > Brightness, hue and saturation: Adjust the image for a better view
- Rotation 180: Rotate the image by 180 degrees, so that the image becomes upside down. This function is useful when camera device must be physically installed in vertically reversed direction.

#### Audio Setting:

> Audio Enable: Turn on/off the audio

#### Web Record Setting:

Save Path / File name: Click on the "Browse" button to select the desired path to save as well as naming the video file.

#### Web Snapshot Image Setting:

Save Path / File name: Click on the "Browse" button to select the desired path to save as well as naming the snapshot

#### Default:

#### > Set [camera general setting] and [audio setting] back to default

Note: Will not change the configuration of [Web Record Setting] and [web Snapshot Image Setting]

#### Save:

> Save the changes that have been made

### Advance



White balance: Adjust the white balance according to the environment

**Exposure:** Select the exposure frequency

Max Exposure Time: Increase / reduce the exposure time for lens

Max Gain Control: image at low light control on how much noises are allowed

**Illuminator LEDs:** Choose among auto, enable and disable.

Status LED: Turn on/off the status leds

## 4. Event

Litentis	erver	Motion (	etection	Ev	ent Configurat	ion
Event Serve	r List	Notropyk Ad	lucas lini ord	Dath He	ION Name	
Name	Protocol	Network Ad	tress Upload	l Path Us	er Name	
		1				

## Event Server

FTP Server	
Name:	NewFTPServer
Network Address:	
Upload Path:	
Port:	21
Login Information	
User Name:	Guest
Password:	

Click on the [Add FTP] to expand FTP server setting

#### **FTP Server:**

- > Name: Give a name for the FTP server
- > Network Address: Input the network address of the FTP server
- > Upload Path: Choose the desired upload path for events
- > Port: Input the port number of the FTP server

#### Login Information:

> Username / Password: Input the username and password of the FTP

	rer	Motion De	etection	Eve	Event Configuration		
event Server	List						
Name	Protocol	Network Ad	dress l[n]oa	d Path U	ser Name		
lewFTPServer	FTP			Gu	lest		

Click [Remove] to delete selected event servers (circled in red)

## Motion Detection



To add a motion detection area:

1. Click on [Add] to set up a detection area

(Set up panel will be expanded)

Motion Detection Setup	2
Windows Area Name:	DefaultWindow
Trigger Level :	
Sensitivity :	
	( Sensitivity value:0~100[low~High] )
Color:	4
View All Windows	
Alien Selected Window	

- 2. Give a name to this window area
- 3. Select the trigger level and sensitivity for this detection window (0~100, low~high)
- 4. Select color for detection window



#### 5. Draw detection window on the image



6. Once everything is done, click on **[Save]** to save the configuration made.

Configured detection window will be displayed in motion detection list (circle in blue)

Motion Detection List
Windows Area Name
test window 1
Add Del
( Note: The maximum number of motion detections is 10. Set New Motion Detection Area :
1. Click 'Add' and rename the windows area. 2. Drag a detection area on the image. )

Note: Maximum number of detection window is 10

## **Event Configuration**

Eve	nt Server		Motion [	Detection	Eve	nt Configurat	ion
Event Re	cord File						
File Forma	it: JPE0	3					
Event Ty	pe List						
Name	5	Status	Enable	Trigger	Actions		
1							
Add	Remov	e					
Add ( Note: The Fu=FTP Up	<b>Remov</b> e maximum bload, Eu=B	e number of	f events is d, Du=Disk	10. Upload, O=	Output Port, En=E	mail Notifica	tion. )
Add ( Note: The Fu=FTP Up Event Ty	<b>Remov</b> e maximum oload, Eu=E <b>pe Setup</b>	e number of mail Upload	f events is d, Du=Disk 2	10. Upload, O=	Output Port, En=E	mail Notifica	tion. )
Add) ( Note: The Fu=FTP Up Event Ty Name:	Remov a maximum bload, Eu=B pe Setup	e n number of mail Upload	f events is d, Du=Disk 2 NewEv	10. Upload, O=	Output Port, En=E	mail Notifica	tion. )
Add ( Note: The Fu=FTP Up <b>Event Ty</b> Name: Set min ti	<b>Remov</b> a maximum oload, Eu=E <b>pe Setup</b> ime betwee	e number of imail Upload	f events is d, Du=Disk 2 NewEv 00:00	10. Upload, O=	Output Port, En=E (max 23:59:5	imail Notifica	tion. )
Add (Note: The Fu=FTP Up Event Ty Name: Set min ti Respond	Remov e maximum oload, Eu=E <b>pe Setup</b> ime betwee to <u>Trigger</u>	e n number of mail Upload	f events is d, Du=Disk 2 NewEv 00:00	10. Upload, O=	Output Port, En=E (max 23:59:5	imail Notifica 9)	tion. )
Add) (Note: The Fu=FTP Up Event Ty Name: Set min ti Respond	Remov e maximum oload, Eu=B <b>pe Setup</b> ime betwee to Trigger	e n number of mail Upload	f events is d, Du=Disk 2 NewEv 00:00	10. Upload, O= ent :00	Output Port, En=E	:mail Notifica 9)	tion. )
Add (Note: The Fu=FTP Up Event Ty Name: Set min ti Respond O Always	Remov e maximum oload, Eu=E pe Setup ime betwee to Trigger	e n number of mail Uploar	f events is d, Du=Disk 2 NewEv 00:00	10. Upload, O=	Output Port, En=E (max 23:59:5	imail Notifica 9)	tion. )
Add) (Note: The Fu=FTP Up Event Ty Name: Set min ti Respond Always Never	Remov e maximum oload, Eu=B <b>pe Setup</b> ime betwee to Trigger	e n number of imail Upload	f events is d, Du=Disk NewEv 00:00	10. Upload, O= ent :00	Output Port, En=E	9)	tion. )
Add) Note: The Fu=FTP Up Event Ty Name: Set min ti Respond O Always Never In Wind	Remov e maximum pload, Eu=E pe Setup ime betwee to Trigger s	e n number of mail Upload an triggers:	f events is d, Du=Disk 2 NewEv 00:00	10. Upload, O= ent :00	Output Port, En=E (max 23:59:5	P)	tion. )
Add) (Note: The Fu=FTP Up Event Ty Name: Set min ti Respond Always Never In Wind When Tri	Remov e maximum oload, Eu=E pe Setup ime betwee to Trigger ow	e n number of imail Upload	f events is d, Du=Disk 2 NewEv 00:00	10. Upload, O=	Output Port, En=E	9)	tion. )
Add) Note: The Fu=FTP Up Event Ty Name: Set min ti Respond Always Never In Wind When Tri Uplos	Remov e maximum pload, Eu=E pe Setup ime betwee to Trigger s ow iggered ad Images	e n number of mail Uploa 2 n triggers:	f events is d, Du=Disk NewEv 00:00	10. Upload, O=	Output Port, En=E	9)	tion. )

To add an event trigger, click on **[Add]** and setup panel will be expanded

- 2. Give a name to this event.
- 3. Set the time interval between each trigger
- 4. Set the time period for the trigger. Choose "Always" or "Never"
- 5. The trigger condition is Motion Detection. The responding actions can be "Upload images" and "Send Email Notification"
- 6. Click on **[Save]** to save the configuration made.

## 5. Schedule

### **General**

Define the day (specified by days of a week) and time (specified by each single hour) for that will be recording during the scheduled period. Note that only video data will be recorded. User can select which video stream should be recorded, and the size of each sliced file. When the check box is ticked and setting is saved, recording process starts. Recording files are saved to the SD storage.

			Gen	iera	ıl												St	ora	ige			
											ľ								-			
V Ep abl	ad																					
Stre	am: (	<b>0</b> 1 (	0 2	С	) 3																	
Slice	e File	Size:				5	)	~	(М	B)												
Sav	e Dev	ice Ty	pe:			Lo	al I	Disk														
A	II O	1 2	3	4	5	6 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	on. Ie.	$\square$	$\vdash$	$\mathbb{H}$	+	+	╀	┝	╞	$\vdash$			$\vdash$				_			╞	$\vdash$	Н
We	≥d.														,հո							
파	iu.	$\square$	$\vdash$	$\square$	+	+	╞								Ľ		_					Н
Sa	n. at.	$\vdash$	$\vdash$	Η	+	+	╀	┢	╞	$\vdash$							_			╞	$\vdash$	Η
Su	ın.						t															
	Sche	duled																				

## Storage

Display the storage information, includes disk size info, type and status. The warning message shows when recording is on process; SD card should not be removed during the recording process.

Gen	eral		5	torage	
Disk Status					
Model Name:	/dev/mmcblk0p	1			
Total Size:	1929024 KB				
Used Size:	1788864 KB				
Free Size:	140160 KB				
Disk Type:	SD				
Disk Status:	recording				
Refresh	Browse	Remove	Event Imag	es	

### 6. Network

#### **General**

Device IP configuration, includes DHCP and Static IP setting. "Enable ARP/Ping" enable device to accept ARP or ping packets from the network. Disable this option may provide extra security from intentional ping.

Live View	Video	Camera	Event	Schedule	Network	System	Customize
Gene	eral	Advanced		SMTP(E-Mail)	DDM	NS W	ireless
Орн	CP Service						
💿 Sta	atic IP Addr	ess:					
IP.	Address:	192.168	2.87				
Net	tmask:	255,255	255.0				
Gat	teway:	192.168	2.254				
DN	S 1:	192.168	0.13				
DN	S 2:	192.168	0.16				
💌 En a	able ARP/Pi	ing					
1							
				Save			

### Advanced

Enable or configure other network functions.

**NTP:** Configure a NTP (Network Time Protocol) server, so that the device system date and time can be synchronized with a specified Time Server. This configuration is provided for one of the potions of system date/time adjustment.

**HTTP:** set the HTTP port that will be applied for Web UI access.

**RTSP:** set the RTSP (Video) port for video data transmission.

HTTPS: Enable/Disable Http security function.

Bonjour: Enable Bonjour service, so that the device can be discovered with "Bonjour" service applied.

**UPnP:** Enable UPnP, so that the device can be discovered in an UPnP Compliant Network.

**NAT Traversal:** Enable NAT traversal, so that client from Internet can have access to the devices behind the Router.

Note: with UPnP enabled, the IP Sharing device (Router) capable of UPnP function will automatically be noticed with the device's NAT port.

Live View	Video	Camera	Event	Schedule	Network	System	Customize
Gene	eral	Advanced		SMTP(E-Mail)	DDN	IS W	ireless
NTP Co	onfiguratio	on					
0 0	btain NTP s	erver address	s via DHCP				
💿 Us	se the follo	wing NTP serv	er address	1			
Ne	etwork addr	ess: t	ime.stdtim	e.gov.tw			
		(	host name	or IP address)			
нттр 5	etting						
нттр	Port:	1	80				
RTSP S	etting						
RTSP	Port:	:	554				
HTTPS	Setting						
E	nable HTTP	s					
Bonjou	ır Setting						
E	nable Bonjo	our					
UPnP N	otificatio	n					
E	nable UPnP						
NAT Tr	aversal S	etting					
E E	nable NAT 1	Fraversal					
N	АТ-Т НТТР	Port:	3000				
N	AT-T RTSP	Port:	3002				
N	AT-T RTSP	Protocol: T	ср				
			E	Save			

### SMTP (E-Mail)

Configure an email host in the device that will send email on behalf of the configured email account in a circumstance like sending an email notice to a specified mail address (Event Configuration).

Sender: Complete the Mail Server, Server Port, Authentication information (if required) and the sender email address.

General	Advanced	SMTP(E-Mail)	DDNS	Wireless			
SMTP (email) Sett	ing						
Mail Server:	smtphost.	yourdomain.name					
	(host name	e or IP address)					
Server Port:	25 [	065535]					
Authentication							
User Name:	username						
Password:	•••••	•••••					
From ( Email Addre:	ss ): username(	@yourdomain.nam	e				
Test							
Send test email to:	mailto@ma	ailto.com					
				Send			

Receiver: the receiver email address

### <u>DDNS</u>

Dynamic DNS configuration; the network device can be assigned with a host name by registering this service (Internet access required).

Host Name: Assigned name that will be used for access to the device

User Name/Password: Account authentication for logging to this service

Update Time: Periodically, the device updates its access info to sever in the configured time.

Response: the device responds the connection info.

Live View	Video	Camera	Event	Schedule	Network	System	Customize
Gene	eral	Advanced		SMTP(E-Mail)	DDN	is w	ireless
Dynam	nic DNS Se	etting					
	DNS Enable						
Host N	lame:	hostna	me				
		(Link to	http://	www.dyndn	s.org)		
User N	lame:	userna	me				
Passw	ord:	•••••	••				
Update	e Time:	600	( 600~86	400 Seconds )	I		
Respo	nse:	no					
-							
			E	Save			

## Wireless (P606W/P607W)

Wireless network searching and device configuration page

**Wireless** – List of available wireless networks (Access Points); information includes SSID, Mode, Security and Signal Strength.

Wireless Setting: configurations for the camera device for its availability to connect to a wireless network. Clients available in the same network or able to connect to this network can then have an access to the camera device with wireless connection.

e View Vi	deo	Camera	Event	Schedule	Network	System	Custo
General		Advanced		SMTP(E-Mail)	DDN	is w	ireless
Status of W	/ireles	s Networks	;				
SSID		Mod	e	Securi	ity Sign	al strengt	h
SolleronWin	reless	infra	structure	: WPA-PSK	68		
GLCON		infra:	structure	: WEP	-68		
LF6		infra:	structure	WEP	-66		
pixord-wire	eless	infra:	structure	E WEP	-58		
Wireless S	etting						
MAC Address	51	OE:B4	9A:18:6F:	83			
IP Address:		not-co	nnect-yet				
Netmask:		not-co	nnect-yet				
Gateway:		not-co	nnect-yet				
Mode:		Infra	structure 💽				
Operation M	ode:	Auto	<b>v</b>				
SSID:		Defau	ilt				
Security:		None	~				

## Easy Connection

Support remote internet connection, just register online once and save all the trouble with network configuration.

ve View	Video	Camera	Event	Schedule	Network	System	Cust
General	Adva	anced	5MTP(E-Mail	) DDNS	Wireless	Easy Co	nnectior
Remote	Access	Diagnostics	ī				
If your you cor	are having rect comm	g issues gett ion network (	ing remote a configuration	access to work i issues.	, this diagnost	tic utility can	help
			Run	Remote Con	nectivity Dia	agnostic	
Yoics R	emote Ac	cess					
Yoics is	Enabled :	Disa	bled Yoics	Support			
Yoics is	not initial	iz ed <u>registe</u>	er this cam	era			
Camer	a is attemp	oting to cont	act Yoics Ser	ver in state 0.	Camera is ur	registered .	
Server	Status : No	o Secret Pro	vided				

Connecting steps:

- 1. Click "register this camera" and will be directed to http://pixord.yoics.com
- 2. Register a new account for new user
- 3. Login with the created account

PIXORD	Home Forum Support
Welcome to PiXORD Remote Viewing The PiXORD remote viewing website allows you to access your PiXORD cameras remotely through a simple configuration solution. Just follow these Quick steps to get your product configured, internet accessible and shareable.	E-mail: / ID: Password: Forgot Password C Remember Me
<ul> <li>Step 2 Create a Yoics account or use your existing Yoics account login</li> <li>Step 3 Yoics will detect the new camera. Complete registration</li> <li>Step 4 Your product is now ready to use for remote viewing and sharing</li> <li>Yoics makes it possible to view any PiXORD compatible camera that's connected to a PC (USB) or Computer network (Ethernet) anytime, anywhere using an internet browser including compatible to anyone you want securely and privately.</li> <li>Currently, the PiXORD remote viewing website supports the following PiXORD devices:</li> <li>Network Cameras P606 / P606W</li> </ul>	New Registration   E-mail Address *   Confirm E-mail   Password *   Confirm Password   Security Question *   Favorite Pet's Name *   Security Answer *   First Name *   Last Name *   Country   Not specified *   Friend Email   Security Code *

4. Pixord camera will be auto-detected. Follow the steps and click "Continue".



Click "Next" (circle in red) to see the next tip or click "Skip" (circle in blue) to skip all the tips.



#### 5. Name your camera

#### Register your new product

Congratulations, you're ready to register your new Yoics enabled product. Enter a name for your product and press Register Now.

	Give your product a name
	RC2_4856
Moving Pictures Ground The World	(max 15 letters/numbers)

6. A list showing all detected cameras on the left. Click on the camera for viewing.

```
ao@pixord.com | Home | Passwo
 Yoics
                                                                                                                                                                                           Make any folder.
                                         Member Account Summary
     logout | help
home
                                        Welcome
(F
                                       Manage all your services and account features here.
- Cameras
                                                                                                                                                                                           Into a web-site.
  P606W2 Camera
                                             Feature
                                                               Usage
                                                                                                                                           Expires
                                                               Usage
Upgrade now to get more services, faster web & mobile
access and advanced webcam and network storage
services. Your FREE account allows you to
• Create 10 local services.
• Up to 10 local services.
• Up to 100 daily web connections.
• Create local proxies to local web content.
• Create up to 1 shared camera(s) per computer.
• Web connections last for 1 hours. <u>Full description</u>
                                             BASIC
Service
  P606W3 Camera
                                                                                                                                           9999/12/31
                                                                                                                                                          Upgrade Now
                                                                                                                                                                                                        the late
- DEMO
                                                                                                                                                                                                         1'aug
the m
[Expand Al] [Collapse All]
    As of 3:00 PM (Refresh)
                                                                                                                                                                                           (nearly) instantly.
                                       Shared services and devices
                                     Configure content on the web. It's easy!
                                                                                                                                                                                         voics
                                    Click on the settings icon to make changes to one of your products or services
                                      Your Services
                                                                                                                                           Setting
                                           Service nam
                                                                                                     State
                                            P606W3 Camera
                                                                                                      active
                                                                                                                                           -
                                            P606W2 Camera
                                                                                                                                            0
                                                                                                      active
                                                                                                                                            Q,
                                            LorexCam-Pixord
                                                                                                      inactive
                                            P606W Camera
                                                                                                                                            Q
                                                                                                      inactive
                                                                                                                                           ŵ
                                           My Desktop
                                                                                                     inactive
                                                                                                                                           Q
                                            My Pictures
                                                                                                      inactive
                                            My Documents
                                                                                                      inactive
                                                                                                                                           0
                                            USB
                                                                                                      inactive
                                                                                                                                            -
                                            Camera 1
                                                                                                      inactive
                                                                                                                                            -
                                     If you need to register a product that was not automatically detected by this site, click the link below
                                     Manual Registration
     YC
         logout | help
                  nome
    Cameras
     P606W2 Camera
     P606W3 Camera
  - MY FRIENDS STUFF
   DEMO
    the mole
[Expand All] [Collapse All]
      As of 3:00 PM (Refresh)
```

7. Connecting to the device, input device username and password for viewing.



Y

取消

確定

36

## 7. System

## **Information**

Lists of System and Network configurations

Inform	ation	User	Date & Tim	e Serv	er Maintenance	Log	Service	
						9		
System	1							
Model	:		P	IXORD				
Syster	n up time	1	2	009-09-07 09	:33:42			
Firmwa	are versior	1:	1	.0.2_rc7.4391				
MAC A	ddress:		0	0:04:29:01:9e	:ff			
Active:	Control (	version.:	1	.0.1.131				
Wireles	55							
Status	:		N	o connection				
Ethern	et							
Status	:		C	onnected				
Mode:			C	нср				
IP Add	lress:		1	92.168.6.87				
Netma	isk:		2	255.255.255.0				
Defau	lt Gateway	:	1	192.168.6.254				
DNS Se	rver							
Primai	Y DNS IP	address:	1	92.168.0.13				
Secon	dary DNS 1	(P address:	1	92.168.0.16				
DDNS								
Status	:		n	0				

## <u>User</u>

Login users for Web access and operations; authentication required. The Check box is for anonymous logging on to the live view page. Logging for further configurations will still require user name and password.

Live View	Video	Camera	Event	Schedule	Network	System	Customia
Inform	ation	User	Date & Time	e Serve	er Maintenanc	e Log	Service
User Se	etting						
🗌 Enat	le anonym	ious login (na	) user nam(	e or password	required)		
User Li	st						
User N	lame	User G	coup				
Add	. Ren	nove	14.01				
	Save						

## Date & Time

System date/time configuration. Options of synchronizing with PC and NTP server are provided for automatic adjustment.

ive ¥iew	Video	Camera	Event	Schedule	Network	System	Custon
Inform	ation	User Da	ate & Tim	e Serv	er Maintenance	e Log	Service
Current	t Server '	Гime					
Date:	20	09-09-07		Time:	09:48:04		
Set Ser	ver Time						
🗹 Aut	omatically	adjust for dayl	ight savir	ng time chang	es.		
Time N	1ode:						
◯ Syr	nchronize w	ith computer ti	me				
Da	ite:	2009-09-07		Time:	09:38:47		
Osy	nchronize	e with NTP se	rver				
Time z	one:						
GMT+	08 (Beijing	, Hong Kong, S	Shanghai,	, Taipei)	~		
💿 Set	: Manually						
Da	ite:	2009-09-07		Time:	09:38:42		
		(ex: 2008-01-	·01)		(ex: 01:00:00)	)	
1							
				Save			

## Server Maintenance

This page provides tool for system maintenance; Reboot and Load default settings, as well as functionalities of launching upgrade process, backup/restore user settings and language defines.

Live ¥iew	Video	Camera	Event	Schedule	Network	System	Customize		
Inform	Information User Date & Time Server Maintenance Log Service								
Maintai	in Server								
Reb	Reboot Load default								
Firmwa	Firmware Upgrade								
Model:	Model: PIXORD								
Firmwa	re Version	ı	1.0.2_rc7	.4391					
MAC A	MAC Address: 00:04:29:01:9e:ff								
ActiveX	Version:		1.0.1.131	L					
Specify	the firmw	are to upgrad	e:						
				Browse		Upgr	ade		
Backup	I								
Save a	Save all parameters and user-defined scripts to a backup file. Backup								
Upload	Setting								
Use a	saved back	up file to ret	urn the uni	t to a previous	configuration.				
Specify	the backu	up file to use:							
				Browse		Up	load		
Add La	nguage								
Choose	e language	:: 日本語	~	]					
Getal	anguage f	ile from <u>/lan</u>	g/en/lang	<u>1.js</u>					
Select I	anguage file	e to upload:							
				Browse	Uplo	ad Languag	e		
1									

## Log Service

Most system operations and / or process will be kept in a log system. The link provides the review of these records.

Live View	Video	Camera	Event	Schedule	Network	System	Customize
Inform	ation	User [	)ate & Tim	e Serve	er Maintenand	e Log	Service
Logs							
Report	5						
Serve	<u>r Report</u>			Parame	ter List		

## 7. Customize

This page provides the function of adjusting the look of live view page. There are two types of layout settings; use default look or use custom settings.

Liv	e View	Video	Camera	Event	Schedule	Network	System	Customize
	Live Vie	ew Layout	t Setting					
	💽 Use I	Default Loo	ok		🔘 Use Custor	n Settings		
	User De	efined Lin	ks					
	Show	Custom L	ink 1					
	Name:	Custom L	ink 0		URL: http://			
	Show	Custom L	ink 2					
	Name:	Custom L	ink 1		URL: http://			
	Show	Custom L	ink 3					
	Name:	Custom L	ink 2		URL: http://			
	Show	Custom L	ink 4					
	Name:	Custom L	ink 3		URL: http://			
				6	ave			

Use Default Look: the default layout of live/configuration pages

**Use Defined Links:** Web link(s) will be presented on the live page when enabled. It can be a link to another IP camera for instance, or other preferred web link.

Use Custom Settings: The modifications allowed are change of Background / Text Color, Background picture, Title, Description, Logo and etc.

Live View Layout Se	tting
🔘 Use Default Look	Use Custom Settings
User Defined Links	
Show Custom Link	1
Name: Custom Link (	URL: http://
Show Custom Link	2
Name: Custom Link :	URL: http://
Show Custom Link	3
Name: Custom Link 2	2 URL: http://
Show Custom Link	4
Name: Custom Link :	3 URL: http://
Custom Settings	
Modify the Default Lool	<:
Background Color:	📀 Default 🔷 Own: White 💌
Text Color:	📀 Default 🔷 Own: 🛛 Black 🔛
Background picture:	● None
	External: http://
Title:	⊙ None O Default
	Own: Title
Description:	⊙ None ○ Default
	Own: Description
Logo Link:	⊙ None ○ Default
	Own: http://
Logo:	🔿 None 💿 Default
	O External: http://
	O Own
	Select image file to upload:
	Browse

## FAQ

## **Restore Factory Default**



To restore factory default, please follow the steps:

- 1. Unplug the power jack to turn off the power of the camera.
- 2. Insert a pin into the reset hole as circled with red in the below figures. Sense a button and keep it pressed until instructed to release.
- 3. Plug in the power jack to turn on device, in about few seconds the status LED will be quick flashing
- 4. Release the button (remove the pin from the reset hole). The camera should now be back to factory default.