# **Wireless IP Camerea**

SunEyes Group Co.,Ltd

# **T Series User Manual**



### **Hardware Instruction**

Follow the steps below to set up your camera hardware.Make sure to follow each step Carefully to ensure that the camera operates properly

- 1) Plug the network cable into the camera and then into your Cable/DSL router.
- 2) Plug the power adapter into the camera and then into the power outlet.



Figure 1.3

### Software installation

Software installation is the key to the successful use of this product.

- 1 Open the CD,find the software as instruction;
- 2 Double click **Super Client** and install the software as instruction.



3 Only click **Next**, you will complete the software installation.







From the computer desktop you can find an icon Wizard Camera S... appears on the Desktop automatically.

**NOTE:**Before installing and using the product, please read the following precautions carefully and make sure they are fully understood.

Use only the power adapter attached with the product .Use of unauthorized power adapter may cause damages to your IP Camera.

Do not touch the lens of the IP Camera at will .The optimum focus range has been set before the IP Camera is delivered out of the factory. If you turn the lens, it may cause incorrect focus and vague images.

Do not turn the Pan/Tilt by force for it may cause damage to internal components of the Pan/Tilt.

IP Camera terminal shall be installed in an indoor environment.(SP-H01W)



## **1 SOFTWARE OPERATION**

### 2.1 IP Camera Finder

When the Device has been mounted properly, you can double click the Icon "IP Camera

izard"	nd a dialog box will pop up.	
IP Camera Wizard		
elect the Setting	Mode	€Sun€yes
<u>W</u> izard Mode	Giving instructions step by step. Recommender users or non-tech users.	d for first time
<u>A</u> dvanced Mode	Configure IP camera parameters manually, G experienced users or know-how users.	ood for
Note: Please make sure the IP cam	era and the PC running this software are in the s	same local network.
Language: English	directly on the next time.	
		Exit

Wizard Mode(if you not familiar the settings pls chose this mode):

and the second se					User manual
IP Camera	a Wizard				
tep 1	: Connect	the cable			🗢 🗢 Sun E
Connect	Ethernet Cable	es as shown in t	he figure	below:	
	1	1			
	Router				
TD					
IP camera		Computer			
Ô		5			
				2	
	er (1972)	-			
flashes and t	the green one keeps	on. If it's not the case,			as the right top figure: the yellow one
2.Is the net	ver supply of IP came work cable working?	an a			
	work cable jack broke work router or switch				
Click "Next	t" to continue afte	r connecting the IP	Camera.		
				Pr	ev Next E
IP Camera	a Wizard				
		amera			€
tep 2:	: Select Ca				€Sun€
tep 2:	: Select Ca	amera that you want t	to config	jure, the	
tep 2:	: Select Ca		to config	ure, the	
tep 2: Select tl	: Select Ca he IP camera	that you want t	Port	SN	n click "Next".
tep 2: Select tl	: Select Ca he IP camera	that you want t		1	n click "Next".
tep 2: Select tl	: Select Ca he IP camera	that you want t	Port	SN	n click "Next".
tep 2: Select tl	: Select Ca he IP camera	that you want t	Port	SN	n click "Next".
select tl	: Select Ca he IP camera eries Name H IPCAM	TP Address 192.168.1.126	Port 81	SN	n click "Next".
select th	E Select Ca he IP camera eries Name H IPCAM	that you want to IP Address 192.168.1.126 the above list, please of rectly according to the	Port 81 check: previous ste	SN vajc	n click "Next". MAC 00A9C000BBEC
select th select th # s f your IP ca 1. Is the IP ca 2. Does the I	Select Ca he IP camera Beries Name H IPCAM	TP Address 192, 168, 1, 126 the above list, please of	Port 81 check: previous ste r computers	SN vajc	n click "Next". MAC 00A9C000BBEC
select th select th # s f your IP ca 1. Is the IP ca 2. Does the I	Select Ca he IP camera Beries Name H IPCAM	that you want it IP Address 192, 168, 1, 126 the above list, please of rectly according to the mera conflict with othe	Port 81 check: previous ste r computers	SN vajc	n click "Next". MAC 00A9C000BBEC
select th select th # s f your IP ca 1. Is the IP ca 2. Does the I	Select Ca he IP camera Beries Name H IPCAM	that you want it IP Address 192, 168, 1, 126 the above list, please of rectly according to the mera conflict with othe	Port 81 check: previous ste r computers	SN vajc	n click "Next". MAC 00A9C000BBEC
select th select th select th f your IP ca 1. Is the IP ca 2. Does the I 3. Is your PC	Select Cathe IP camera for the	that you want it IP Address 192, 168, 1, 126 the above list, please of rectly according to the mera conflict with othe	Port 81 check: previous ste r computers e from searc	SN vajc	n click "Next". MAC 00A9C000BBEC
select th select th select th f your IP ca 1. Is the IP ca 2. Does the I 3. Is your PC	Select Cathe IP camera for the	that you want to IP Address 192.168.1.126 the above list, please of rectly according to the mera conflict with othe at prevent the softwar	Port 81 check: previous ste r computers e from searc	SN vajc	n click "Next". MAC 00A9C000BBEC
tep 2: Select th # s 1 fyour IP ca Us the IP ca Does the I 3. Is your PC	E Select Ca he IP camera Series Name H IPCAM mera is not shown in amera connected cor P address of your ca running a firewall that ical order of the came	that you want to IP Address 192.168.1.126 the above list, please of rectly according to the mera conflict with othe at prevent the softwar	Port 81 check: previous ste r computers e from searc	SN vajc	n click "Next". MAC 00A9C000BBEC

IP Camera Wi	zard			User manı	ual
	etting IP Addr	ess		€Su	nEye
from brows If you want want to sek	to continue to config ect another IP camera	ure Wifi and WAN a	ccess, click ' 'Prev".	'Next" to con	tinue. If yo
IP Address:	192.168.1.126	more than one piece c			
Port:	81				
Subnet Mask:	255.255.255.0				
RTSP Port:	554				
Gateway:	192.168.1.1				
Access URL:	http://192.168.1.126:81	Open 🔶			
	Note: Default username is	"admin", password is set bla	ank.		
One <u>K</u> ey Set	Manual Set				

(you can use One key Set or Manually set)

Advanced Mode (if you are already familiar with the settings pls chose this mode):

IP Camera Wiza	ard		User manual
Advance	Mode		∲Sun€ye
Current Computer i Network Card: IP Address: Sub Mask: Gateway:	nformation Marvell Yukon 88E8039 PCI-E F 192. 168. 1. 111 255. 255. 255. 0 192. 168. 1. 1	Camera Information	IPCAM 81  Static IP Address
Cameras list Mode Name H IPCAM	IP Address 192. 168. 1. 126	IP Address : Sub Mask: Gateway:	192.168.1.126         255.255.255.0         192.168.1.1
Count:1	Export	Inner URL: Outer URL: One Key Set	http://192.168.1.126:81     Open       http://vajc.suneyes.h     Check     Open       Set port mapping     Apply

### • Basic Properties

There are some device informations in the Basic Properties ,such as **Device MAC,System Firmware Version, Web UI Version.** 

IP Camera Wiz	ard		
Advance	Mode	<b>∲</b> Sun€	ye
Current Computer	information-	Camera Information	
Network Card:	Marvell Yukon 88E8039 PCI-E F	General Other	
IP Address:	192.168.1.111	Version: 0.1.0.5.25	
Sub Mask:	255.255.255.0	MAC Value: 00A9C000BBEC	
Gateway:	192.168.1.1	DDNS Passwor	
Cameras list			
Mode Name	IP Address		
H IPCAM	192.168.1.126	Upgrade Fireware	
Count:1	Export		
	11 9.505 Th	15	

Note: The software searches IP Servers automatically over LAN.

1 .The ip camera and the pc should be in the same LAN, if you not familiar how to

configure your ip you can use one key set

**2 To install more than one cameras in the LAN**, all of the cameras port and IP address can not be same.

**3. pls** make sure the camera ip address is in the same subnet as the gateway (i,e .the first three sections are the same)

4.Mask: The default subnet mask of the equipment is :255.255.255.0

**5.Gateway:** Make sure it is in the same subnet with PC IP address .Default Gateway address is 192.168.1.1

6.DNS: IP address of IPS network provider.

7.Port:LAN port assigned for the equipment, usually 81-10000

**8.User & Password :** Default administrator username/password: admin?No password



### 2.2 Camera Login in IE (LAN)

You can access the camera through IP Camera Tool or IE directly.

1) Click the inner RUL: "open"

	Camera Information General Other Name: HTTP Port: Network: IP Address :	IPCAM 81  Static IP Address  192 . 168 . 1 . 126
Н ІРСАМ 192.168.1.126	Sub Mask: Gateway: Inner URL: Outer URL: One Key Set	255.255.255.0         192.168.1.1         http://192.168.1.126:81         Open         http://vajc.suneyes.h         Check         Open         Set port mapping         Apply
Count:1		

2) It will start your web browser automaticly.

迂于 GoAhe	ad 的服务器 192.168.1.126 要求用户名和密码。
	admin
	<ul> <li>●●●●●●●</li> <li>■ 记住我的凭据</li> </ul>

Enter your account and password on the login page as shown above Administrator's username is: **admin** and default password 8888888 . Sign in with ActiveX Mode(for IE)





### 2.3 Camera Icon Functions





Resolution:       640*480         Mode:       320*240         Britten       640*480         Mode:       50 HZ
Mode: can chose 50HZ ,60HZ or outdoor Brightness: 50 HZ 60 HZ outdoor
Brightness and Contrast: can set the brightness and contrast 6 ▼ Contrast: 4 ▼
Record:Click icon to record videos Snapshot: Click icon to snap the picture.
AUDIO: Click icon Camera MIC open, Local Voice input
TALK: Click icon Camera Speaker open, Remote Voice Output
<b>IR</b> : Click icon can control the IR Led on/off



		User manual
<b>IP</b> Camer	a Options	
Network Settings	Camera Status	
- Basic Network Settings	Firmware Version	48.2.0.131
- WiFi Settings	Web UI Version	TM1.0.0.5
- UPnP Settings - DDNS Settings	Alias	IPCAM
Alarm Settings	Camera ID	VSTC000510VNYUE
System Settings	Alarm Status	None
System Settings	UPnP Status	UPnP Succeed
🗿 Back	Factory DDNS Status	No Action
	MAC	00:A9:AD:00:8E:1C
	WIFI MAC	00:A9:AD:00:8E:1D
	Language:	English 🔻

### 2.4.2 Basic Network Settings:

Http Port: if multi cameras this port cannot be same in one LAN.

h Network Settings	Basic Network Settings		
- Basic Network Settings	Obtain IP from DHCP Server		
- WiFi Settings	IP Address	192.168.1.126	
- UPnP Settings - DDNS Settings	Subnet Mask	255.255.255.0	
Alarm Settings	Gateway	192.168.1.1	
System Settings	DNS Server 1	8.8.8.8	(Default:8.8.8.8)
S STOLEN SCHINGS	DNS Server 2	255.255.255.255	(Default:208.67.222.222
ラ Back	Http Port	81	

### 2.4.3Wifi Settings:

Click the Scan button (at least two times), select your wifi SSID, and write in your wifi's password.



Network Settings	WiFi Settings					
- Basic Network Settings			SSID	MAC	Sig	nal
- WiFi Settings	-	1	suneyes	20:AA:4	B:E1:86:13	all
- UPnP Settings		2	ChinaNet-CFZd	E0:30:0	5:0A:13:08	
- DDNS Settings		3	ChinaNet-ycm	E0:30:0	5:86:49:35	
Alarm Settings System Settings		4	ChinaNet-3pHG	E0:30:0	5:87:6C:E5	. dl
Back						
Back	Line Window Tar		an			
Back	Using Wireless Lan					
Back	SSID	sun	neyes			
Back	SSID Network Type	sun	neyes a v			
Back	SSID	sun	neyes	r) <b>v</b>		

### 2.4.4DDNS Service Settings

**DDNS Service:** The system support protocols from some DDNS providers,and our own ddns IPCAM( built-in)..

Use the ddns you must to do the portforwarding firstly from your router(Details pls check the doc: How to view the camera remotely by DDNS.).

Network Settings	DDNS Settings		
- Basic Network Settings	Factory DDNS	Enable	
WiFi Settings	Server	user.suneyes.hk	
UPnP Settings DDNS Settings	Account	xlrz	
Alarm Settings	The remote URL	http://xlrz.suneyes.hk	
System Settings	Real domain name	http://xtrz.dns.suneyes.hk:81 The camera's real domain name, can be used for third-party so	ftware
Back	Status		
	DDNS Service	None	
	Status	None IPCam DynDns.org(dyndns) DynDns.org(statdns) DynDns.org(custom) 3322.org(dyndns)	



### 2.4.5 Mail and FTP Service

Configure the E-mail box to receive and send mails. The E-mail box is used for receiving the images sent after alarm and the system IP address after successful dial-up.

Network Settings	Mail Settings		
Alarm Settings	Sender	suneyes@gmail.com	
- Alarm Settings	SMTP Server	smtp.gmail.com	@gmail.com 👻
- Mail Settings	SMTP Port	465	(Default:25)
- FTP Settings	Need Authentication		
System Settings	SSL	TLS 🔻	
Back		Gmail only support TLS	at 465 port and STARTTLS at 25/587 port.
	SMTP User	suneyes	
	SMTP Password	•••••	
	Receiver 1	suneyes@gmail.com	
	Receiver 2	suenyes2@gmail.com	
	Receiver 3		
	Receiver 4		

Settings the FTP Service:

Ftp Service Settings		
FTP Server	202.96.12.15	
FTP Port	21	
FTP User	suneyes	
FTP Password	•••••	
FTP Upload Folder	video	
FTP Mode	PORT -	
	Test Please set at first, and then test.	
Upload Image Now	V	
Upload Interval (Seconds)	5	
Scheduler		
9	Set Refresh	



### 2.4.6Alarm Service Settings:

Enter Alarm Service Settings page to configure Motion Detection function.

#### Sheduler

You can set the exact time when the alarms will be open on.

#### Send Mail on Alarm

Sent picture and mail inform to customer's e-mail after alarmed. (firstly you should finish the Mail Service Settings.)

IP Camer	a Opti	ons	5																						
🖣 Network Settings	Alarm Settin	igs																							
🚨 Alarm Settings	Alarm trigge	rs																							
- Alarm Settings	Motion Dete	ct Arm	ied							V															
- Mail Settings				N	Motic	n De	tect S	Sensil	oility	3	• (	the s	malle	r nun	aber	the hi	oher	sensi	tivity)						
- FTP Settings	Extern input	Armed	1							V		uio s			1001,		Buor	501151							
🔅 System Settings	Extern input	mines					Trie	ger L	evel	_	. •	<u>.</u>													_
Gack	Alarm action	c						Ber		201															
U Datk	alarm preset		e							Nor	ie 🔻	1													
	IO Linkage o	n Alar	m						2																
	Send Mail or	Alarn	1							V															
	Upload(FTP)	Imag	e on A	Alarn	n					1															
	Scheduler																							_	_
	Enable									V															
	Day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Sun																								
	Mon																								
	Tue																								
	Wed																								
	Thu																								
	Fri																								
	Sat																								
											S	elect	All												
		Click th	e mou	se to s	select	the s	tart tin	ne, and	l then	click t	o sele	ct the	end of	f time.	Only	in the	selec	ted tim	ie, the	alarm	will b	e effec	tive.		
										Su	bmit		Ref	resh											

Alias Serrings: You can Input the new name as you like.

IP Came	ra Options		
🚋 Network Settings	Alias Settings		
📕 Alarm Settings	Alias	IPCAM	
🔅 System Settings		Submit Refresh	
- Camera Info			
- Alias Settings			
- Date&Time Settings			

Data&Time Settings: Data&Time Settings page.



Alarm Settings C		
	lock Time	Tue, 8 Jan 2013 03:10:29 UTC
System Settings C	lock Timezone	(GMT) Greenwich mean time; London, Lisbon, Casablan 🔻
Camera Info S	ync with NTP Server	
	Ntp Server	time.nist.gov 👻
		Svnc with PC Time
Jsers Settings		
Juas Settings Date&Time Settings Jsers Settings Multi-Camera Settings	Jtp Server	time.nist.gov  Sync with PC Time Submit Refresh

**Users Settings**: three accounts are acceptable for this system.

Administrator: You can sertup the advanced configurations of the IP Camera.

Visitor: In this mode ,you can only view.

**Operator:**You can control the direction of IP Camera and set some parameter.but cannot enter into the setting pages.

rk Settings Users Settings	
Settings User	Password
a Settings Administrator admin	•••••
Info Operator	
ettings Visitor	
Time Settings Submit	Refresh
lettings	
amera Settings	
Path	
ings	

### 2.4.1

### **Multi-Device Settings**

Use multiple cameras in LAN

In the Multi-Device Settings page, you can see all devices searched in LAN. You can add more cameras list in LAN for monitoring



Multi-Device Settings	
Device List in Lan	IPCAM(192.168.1.126)
The 1st Device	This Device
The 2nd Device	None
The 3rd Device	None
The 4th Device	None
The 5th Device	None
The 6th Device	None
The 7th Device	None
The 8th Device	None
The 9th Device	None
attention: If you want to access the device	from internet, be sure the host and port that you set can be accessed from internet.
	Set Refresh





**Record Path:** You can setting the video recording path here.

Network Settings	Record Path	1			
Alarm Settings	Record Path	C:\		S	elect
System Settings	Record file length(MB)	100		Least 100MB, MAX 1000MI	3
Camera Info	Record time length(Minute)	5		Least 5 Minutes, MAX 120 I	Minutes
Alias Settings	Reserved disk space(MB)	200		Least 200MB	
Date&Time Settings	Record cover			Loast 200MID	
· Users Settings	Record cover			1	
Multi-Camera Settings		Submit	Refresh		
Record Path					
PTZ Settings					
· Log					
- Maintenance					

PTZ Settings, (here you can set the speed of pan/tilt)

IP Camer	a Options	
🖣 Network Settings	PTZ Settings	
Alarm Settings	Enable preset	
🔅 System Settings	Turn to the specified preset on starting	1
- Camera Info	PT Rotation Speed	5 • (Default5)
– Alias Settings – Date&Time Settings	Singal lamp	Enable
– Users Settings		S Disable Refresh
- Multi-Camera Settings		
- Record Path		



g						
Mon,	2012-09-17	06:42:20	admin	192.168.1.111	access	1
Mon,	2012-09-17	07:22:35	admin	192.168.1.111	access	



#### Maintenance:

Maintenance		
Reboot Device	Reboot Device	
Restore Factory Settings	Restore Factory Settings	
Upgrade Device Firmware	浏览	Upgrade
Upgrade Device Embeded Web UI		Upgrade

**Upgrade Device Firmware:** pls follow your supplier instructions ,pls do not upgrade yourself.

**Restore Factory Settings:** Restore factory settings of the device. **Reboot Device:**Rebboot the device.



## 3 IP Camera Super-Client

3.1 Step by Step



User manual **Q** SunEyes IP Camera Super-Client €Sun€yes Search & Add Camera Add Camera Add <u>G</u>roup м 🕨 м + Ф – 🌣 Start All Contraction Contra Options Video Alarm Setup

Registery ( you can find the register code from the label of disc ):

Registration	
You are using an unregistered ver: work properly, please register.	sion that you can only use one hour, if you want to
Registry name and code are gener	ally sticked to the CD.
A registration code only allows to b registration. Otherwise, the progra	be used on one computer, please do not repeat the am will not run properly.
Registration Name:	
Registration Name:	

#### 3.2 Search and Add equipment:

SunEyes	
	User manual
P SunEyes IP Camera Super-Client(PnP)	
Add Camera	SunEyes
Name: IP Camera 2 Connect Alarming Record Camera Parameters	Camera Camera 1
	Find
Please input the IIID. It can be found in the label. Camera Finder in LAN Password: Flip Image Set WiFi	
Befresh QK	Cancel

O SunEyes IP Camera Super-Client	
Frame rate: 12.7       Speed: 112	← SunEyes - ™ 192.168.1.126
	K     ▶     +     Image: marked bit with the second sec

if you are using our built-in ddns:



O SunEyes IP Camera Super-Client	
Add H Series Camera	SunEyes
Connect Others Alarming Record Camera Parameters Additional Information	irch & Add Camera
Access Address: abcd Find	<u>A</u> dd Camera
For LAN, please input the camera's LAN IP address, such as http://192.168.1.126:81. For remote access, please input the camera remote address, such as http://abcd.suneyes.hk	Add <u>G</u> roup
User name: admin Password:	
	N + 0+ - ¢
	🏛 🖬 F
QK Cancel	Stop All Options
	Alarm Setup

if you use your own ddns:

• SunEyes IP Camera Super-Client	
Add H Series Camera	SunEyes
Name: IP Camera	
Connect Others Alarming Record Camera Parameters Additional Information	irch & Add Camera
Access Address: suneyes.dyndns.org:81 Find	<u>A</u> dd Camera
For LAN,please input the camera's LAN IP address, such as http://192.168.1.126:81. For remote access, please input the camera remote address, such as http://abcd.suneyes.hk	Add <u>G</u> roup
User name: admin	
Password:	
	▶ + ₽ - ♦
	Stop All Options
QK Cancel	$\square$
	Alarm Setup



### Wifi Settings:

🗭 SunEyes IP Camera Supe	r-Client(PnP)	
		SunEyes
Mark Star	Name:     IP Cumeria       Connect     Alarming       Record     Camera Parameters	Camera Camera 1
	UID: VSTC000510VNYUE Find Please input the UID. It can be found in the label.	
2013/1/8 11:22:32	Password:   Modify Password  Flip Image	
	Set WIFI	
		+u-◆►■ ⊞®®F
	<u>QK</u> Cancel	Stop All
		Alarm Setup

3.3 Email&Motion Detection Alarms Settings

🗑 F Serials Options		
Name:     IP Camera       General     Equipment Options       Alarm Group:		
✓ Friday       ✓ Saturday         Time:       0:00:00         End Time:       23:59:59         Alarming duration (seconds):       30         30       55         Trigger:       Select All Unse         ✓ Motion Detection       GP1 1	Image: Sounday       Add Alarm Action       Image: Sounday       Image:	
QK	Skype	Address suneyes@163.com



### 3.4 Record Settings by Shedule

SunEyes IP Camera Super-Client	Add alarm schedule	
192.168.1.126         Image: Head Series Options           Name:         192.168.1.           Connect Others         Image: Series Options           201/02/01/7         16:1           Connecting camera.         Image: Series Options           Day         Day	Days: Select All Unselect All Monday Tuesday Wednesda Thursday Friday Saturday Sunday Start Time: 0:00:00 - End Time: 23:59:59 - Alarming duration (seconds): 30 - Trigger: Select All Unselect All Motion Detection GPI GPI GPI GPI GPI GPI GPI GPI GPI A Action:	
Add Apply to all Apply to the s	Image: Sound       Image: Sound         Image: Sound       Image: Sound	
	QK Cano	el

3,5 Paly Back the Videos





### 3.6 Setting Storage Path



System Options				
Storage	Path to save recordin	ngs:		
Show Autorun Others	and the second	Documents SunEyes IP (	Camera Supe Ac	bb
	<	III	Del	ete
	Number of days to sa	ave recorded files:		
	Record:	7		
	Alarm:	30		
	Length of recorded fi	iles (minutes):		
	60			
	а.			ancel



### 4.HOW TO View in Outside Netwrok

#### 4.1Using a router to access the Internet

Using a router to access the Internet by shared ADSL If a router is set for dial-up Internet access, it is not required to set ADSL dial-up account and password on the IP Camera.



#### 4.1.1 **Do port forwarding in your routers:**

Setup Wizard	Ports - Custom Services			
etup		10.01		
Basic Settings	Service Name Service Type		MERA	
ireless Settings tent Filtering	Service Type Start Port	81	UDP -	
qs	EndPort	81	(1~65534)	
rek Sites	Server IP Address	192	(1~65534)	126
ck Services	Selver IP Address	192	168 1	120
hedule			Apply	Cancel
ail			( which is	Cancer
tenance				
iter Status				
ached Devices				
ckup Settings				
t Password				
uter Upgrade				
iced				
ess Settings				
Forwarding / Triggering				
AN Setup				
ar octab				

GEA	R		DRAFT	User m	
ARTW	ZARD route	r manager Mox™ NEXT Wireless Router model	What Sat		
d f	Port Forwarding / Po	ort Triggering			
s tings	Please select the service ty Port Forwarding Port Triggering	<b>/pe</b>			
	iervice Name AIM <del>•</del>		Server IP Address	Add	
	16	IP-CAMERA	81	81	192.168.1.126
ces gs de ngs ng / g			Edit Service Add Custom Service		
ase on					

- 1) Pls make sure the Server IP Address, start port and end port be same with your camera's.
- 2) Enter IP Camera Wizard to set the basic configuration,
- 3) Login the Camera homepage as Administration.
- Enter DDNS Settings Page and ennable DDNS service. Click <Submit> and the device will reboot
- 5) You can access the Camera from Internet by domain name( like: <u>http://demo.suneyes.hk</u> )

### 4.2Static IP user

Static IP user is not need to use DDNS for remote access. When finished the setting of the IP Camera in LAN, and port forwarding in the routers, you can access the Camera directly from Internet by the WAN IP. You can obtain the WAN IP by two ways.



Obtain the WAN IP address from the router



Take the WRT54G router of LINKSYS for example,

- 1) Obtain the IP address of the router (LAN gateway address), user name and password for logon to the router from the network administrator,
- 2) Enter the LAN IP address of the router; Open the **Status** page to find out the WAN address of the router. In this example, the address is 116.25.51.115.

				۷	fireless-G Broad	Iband Router	WRT54GL
Status	Setup	Wireless	Security	Access Restrictions	Applications & Garning	Administration	Status
	Router	LocarNet	work 1	Viveless			
Router Information						Firmware Ver	sion. This is i
	Frawware	Version v4	30.5, Apr. 27, 20	995		Router's current	timware.
	Current Te	me: Not	Available			Current Time	
	MAC Add	ress: 000	0C:41:00:01:71			Teb.	on the Setup
	Router Na	me: WR	TS4GL			MAC Address	-There are
	Host Name	e:				Router's MAC A	
	Domain Na	NTe:				by your SP.	
Internet						Router Name. specific name I	
Configuration Type	Login Typ	e: Au	tomatic Config	uration - DHCP		which you set o Tab	
	(P Addres		25. 51. 115			More	
		~		ure 3.5			

#### Access the IP Camera from the Internet

User can access the IP Camera from the Internet, by enter WAN IP address + port number in the IE to access different IP Cameras. For example, Http://116.25.51.115:81 or Http://116.25.51.115:812

### 4.3How to use other DDNS

For each ADSL reconnection, ISP will re-assign a new IP address for the IP Camera to facilitate the access. DDNS( Dynamic Domain Name Server) can map the dynamic IP address of an IP Camera to a fixed domain name. Therefore, we can access the IP Camera by the fixed domain name whether the IP address changes or not. The IP address is not necessary when you using the DDNS via the domain name to find your network.

- 1) Go to the website which Provides free domain name, register and apply a free domain name. such as <u>http://www.dyndns.com/</u>
- Login the Camera homepage as Administration and enter "DDNS Service Settings" page input the name, password and Host. Then click<SUBMIT> and reboot Device.
- Re-login the Camera homepage and enter "DDNS Service Settings" page to check the DDNS Status is DynDns Succeed or not.



 You only need to enter the domain name(domain name+Port number <u>http://suneyes.kicks-ass.net:81/</u>) in the IE address bar, the browser will visit the IP Camera.

If multiple IP Camera are connected to the same router, enter DDNS dynamic domain +port number (for example, <u>http://suneyes.vicp.net:85/</u>) in the address bar of the IE to access different IP Cameras.

### 4.4 How to Surveillance the camera from iphone, mart phone, etc.

### There are two path to realize the mobile surveillance.

1> Use the mobile phone browser (support iphone Safari,opera mobile,etc.)2> Use the mobile software to realize the surveillance.

### 4.4.1 Use the mobile phone browser

Marks: before do that,pls make sure your camera has success in outside networks.

1.open the mobile browser, type in your ip camera's DDNS or Static Public IP (like: <u>http://demo.suneyes.hk</u> or http://115.23.56.118:81

2.Log in user and password, select the Mobile Phone (for browser that supports Javascript)

	IP Camera
~	ActiveX Mode (For IE Browser)
e	Sign in Server Push Mode (For FireFox, Google Browser)
	Sign in iPod touch / iphone 2G, 3G, 3GS, 4 and iPad dedicated
	Sign in
	Mobile Phone (For Browser that supports Javascript) Sign in
0	Super Client (Recommend) Download
	Language: English





### 4.4.2 Use the mobile Software

Install the software in your phone by the two ways below:

1. Directly visit the website with your phone at <u>http://3g.suneyes.hk</u> A page will be appeared as below:

Choose Chinese or English version, i.e. click English then have the following page:



We offer IPhone, and roid, Symbian, Windows Mobile and Java phone.



# 5 FAQ

### 5.1 Frequently Asked Questions

**Note:** Any quesetions you would meet, please check Network connections firstly. Check the working status revealed by the indicators on the network server, hub, exchange and network card. If abnormal, check the network connections.

### 5.1.1 I have forgotten the administrator username and/or password.

To reset the administrator username and password, Press and hold down the RESET BUTTON fur 7 seconds. Release the power button and the username and password will be reset back to the factory default administrator username and password. Default administrator username: **admin** Default administrator password: No password

### 5.1.2 IP Address cojfiguration

Check whether IP address of the IP Ccamera server shares the same subnet as your work station: Click My Computer >Control Panel> Network & Dial-up Connections > LAN > Attributes >Internet Protocols (TCP/IP), and check IP Address and Subnet Mask. Make sure they are in the same subnet when configuring IP Camera IP address manually. Unable to access IP Camera via web browser

### 5.1.3 Network Configuration

Double Check to ensure that your HTTP server software is configured and running properly. If you're running any firewall software, make sure it's allowing inbound connections to port 80, Also, if you happen to be using a cable/DSL router, make sure you've set up port forwarding properly. ( consult your router's documentation for more information ). If none of these seem to be the problem, it's documentation for more information ). If none of these seem to be the problem, it's also possible that your ISP isblocking inbound connections to port 80-many IPSS have done this because of internet worms such as Code Red, If this is the case, you'll have to setup your HTTP server on an alternate port (such as 8080).

### 5.1.4 No pictures Problems with ActiveX Controller

If Internet Explorer is used as WEB Browser, download ActiveX controller and set the safety property of IE in the PC when you view it first time:

"IE" browser > "Tool" > "Internet Proper" > "Security"> "Custom Level" > "ActiveX control and Plug-ins" three options of front should be set to be "Enable", The ActiceX programs read by the computer will be stored, as follows:



Enable: Download unsigned ActiveX controls Enable: Initialize and script ActiveX controls not marked as safe Enable: Run ActiveX controls and plu-ins



### 5.1.5 Problems with network bandwidth

The image frame rate is subjected to the following factors: 1, network bandwidth; 2, PC performance, network environment and display preference setting (brightness, theme, etc); 3, the number of visitors (Too many visitors will slow down the image frame rate.): 4, choice of switch or hub (Use a switch for multiple IP Camera Servers rather than a HUB,).

### 5.1.6 For example: Register procedure from a DDNS web



Step 1: enter http://www.dyndns.com/ and Create Account



### Step2: enter your information

C Dyn	DNS			Usen		Pars:	Login
<b>U</b> Dyn					Log P	assentid) - <u>Create Accou</u>	8
	About	Services	Account	Support	News		
ly Account	Create Your	DynDNS	Account				
Create Account	Net seascher			10			
Jogin	Please complete the form	to create your free	DynDN5 Account.				
Lost Password?	User Information						
	Useritä	ma: foscamhawk					
Search	E-mail Adde	ess: hawk@fosca	m.com	independents to activate your	account will be sen	t to the airmail address provi-	dad.
	Coofern E-mail Adde	ess: hawk@foecs	am.com	1			
Search	Passwi	ord:	•	Your parameters to be our chapter a personnel these	more that 5 characters	ers and cannot be the same to can otherwise be estily g	as your seamante. Do
	Confirm Passwo	ent	•				
	About You (optional)						
	Providing this information v for your help!	ell help us to bette	ar understand our o	ustomers, and tailor I	future offerings	more accurately to y	our needs. Than
	How did you hear ab	out -		We	the case and your acco	unt information to anyone, i	nduding your e-mail
			Figure				

**Step3:** After a minute, you will receive a E-mail from **DynDNS Support** and it will give you a confirmation address

(e.g. <u>https://www.dyndns.com/account/confirm/vXMVT78-KvenhydmKMWH5kg</u>) **Step4:** When the Account Confirmed, login and start using your account. Choose Add Host Services and enter Add New Hostname page.

Ny Account	Account Summary f	or foscamhawk			
My Services	10 17 10 17 10 17 10 17 17 17 17 17 17 17 17 17 17 17 17 17				
Account Settings	My Services	Billing	Account Settings		
Biling	Vew, modify, purchase, and delete your services.	Update your billing information, complete a purchase, and view	Update your e-mail address, set preferences, and delete your		
My Cart		mvoices.	account.		
2.lars	My Zones	Vew Shopping Cart	Change E-mail Address		
Search Search	Add Zone Services	Active Services	Change Password		
	My Hosts	Order History	Change Username Contact Manager		
	Add Host Services	Biling Profile and Vouchers			
	Account Upgrades	Renew Services	Maling Lists Move Services		
	MaiHop Outbound	Auto Renew Settings			
	Network Monitoring	Sync Expirations	Preferences		
	SSL Certificates		Cose Account		
	Recutsive DNS				
	Support				
	DNS Service Level Agreement				
	Premier Support				
	Contact Support				

Figure 4.4



one opgrøde chec mar	e this form full-funi	ctional and will add several	other features. L	earn Hore	
Hostname:	suneyes	, dyndins.org		1	
Wildcard:	🗌 Yes, alas "	".hostname.domain" to san	ne settings.		
Service Type:	Host with I     WebHop R     O Offine Hos	edrect			
	C) Unite http	chair <b>i</b> c		0	
IP Address:	TTE value is 60 sacs	alden 116 10 19 113			
Mail Routing:	🖂 Yes, let me	a configure Email routing.			

#### Step5: On the Add New Hostname page

- 1) input your Hostname.
- 2) Choose Host with IP address
- 3) Click Use auto detected IP address xxx.xx.xxx Then click Create Host.

Host Services			Add New Hostname - Host Update Logs
	Hostnam	e foscamhawk.dyndns.org cre	ated.
Hostname	Service	Details	Last Updated
foscamhawk.dyndns.org	Host	116.30.19.113	Apr. 02, 2008 2:43 AM

Figure 4.6

Step6: Now you obtained a Dynamic Domain Name(Figure 4.6), and can use it in **the DDNS Service Settings** (details:2.5.3)

### **5 OBTAINING TECHNICAL SUPPORT**

While we hope your experience with the IP CAMERA network camera is enjoyable and easy to use, you may experience some issues or have some questions that this User's Guide has not answered.

TO obtain the latest information and support for your Observer network camera, please visit our webpage for additional FAQ'S and troubleshooting tips.