# I. Login Screen

IP Camera Wireless/Wired   Pa		
	Welcome use IPCamera	
Ø	Internet Explorer use ActiveX plug-in only for IE Browser	
۷	Firefox for FireFox、Google Chrome etc. use server push mode	
	iPhone/iPod touch and iPad for iPhone 26,36,365,4 and iPad.	
5	Mobile Phone(such as Android) Browser that supports Javascript.	
٩	IE ActiveX plug-in, click to download	
Q	Select Language : English	

a、 You can choose IE、 Firefox or other mobile devices to view the video:

<u></u>	Internet Explorer use ActiveX plug-in only for IE Browser
٩	Firefox for FireFox、Google Chrome etc. use server push mode
	iPhone/iPod touch and iPad for iPhone 2G,3G,3GS,4 and iPad.
	Mobile Phone(such as Android) Browser that supports Javascript.
b、 For vide	IE browser, please download and install the Active X, after that, you can view the eo.

PCPlayerPlu

9.000





c. Language selection (when choose "Auto", it will automatically be compatible with your computer language):

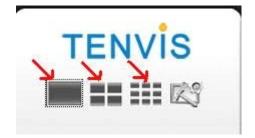


#### II. Live Video



- a. Click the button :"Home" button at left, we can back to previous interface..
- b. At right, there are multi-live setting, pan/tilt, image setting, two-way audio, video record, snapshot button.

#### **1. Multiple Channels Selection**



- a. Please add your devices based on the quantity you have before selecting multi-live devices, red arrow area is for different cameras you have.
- b、 Red arrow directing area is for 1,4,9 windows.
- c. Select the related camera, you could make snapshots, recording or settings.

#### 2. PTZ and Preset Position.



a. Up,down, left & right arrow is for controlling the pan/tilt, double arrows and ring arrow is used for cruising.

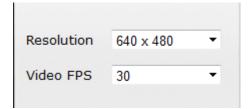


b. S stands for preset position, click it then you will see the preset position settings, the number stands for current position.,



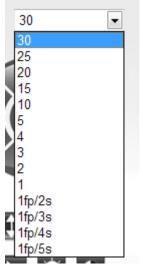
c. Click GO and will appear the choice of preset position, you can choose the position you'd like.

## 3. Resolution Selection:



a. Resolution ratio ,3 choices, they are  $640 \times 480$ ,  $320 \times 240$ ,  $160 \times 120$ 

640 x 480	-
640 x 480	
320 x 240	
160 x 120	



b. Frame rate have 30, 25, 20,total 3 modes you could choose..

#### 4. Graphic Adjustment



You could choose flip vertical, flip horizontal, brightness adjusting and contrast. You could rest with clicking the default.

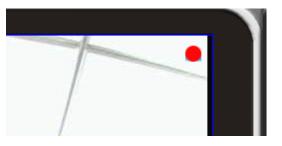
#### 5. Record, Snapshot, and Two-way Audio



a. You could click related button to get such function upside.



b. After you make the snapshots, please click save button the red arrow direct. Then select the storage area on your computer.



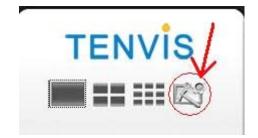
c. Click record and then you will see a red point on the right up-side, that means it's recording now.

## 6. Short-cut Buttons



When mouse is using at the windows, there will appear the short-cut buttons, From left to right: Pause/Play; Record; Alarm stop; Wide &narrow screen switching.

## **III.** Parameter Setting



	IP Camera Wireless/Wired   P	an/Tilt	ta han an a
Alarm Settings		About	
Network	Device Medel	DTC2CA	
Multi Camera	Device Model Device SN	RT5350 sn	
<b>.</b> .	— Hardware Ver Firmware Ver	Ver 1.4 Ver 1.6.12	
System	Manufacturer	Tenvis	
Live Video	Web Site	http://www.tenvis.com	

Click the red arrow directing area, you will see the device information there.

## 1. Alarm Setting

Alam Settings		Alarm settin	ıgs		
Alarm Settings	Motion Detect				
		C Disabled			
Email Settings		IPCamera build-in IE plug-in(Low faise alarms, low leakage alarm, you need to			
Ftp Alarm		open IE vide	o surveillance	e in order to use)	ou need to
	Sensitivity	8	· The	bigger number, the higher s	ensitivity
Record Param	Alarm Type				
Network	EMail Alarm	12 I			
	FTP Upload folder	<b>V</b>			
Multi Camera	Voice Alarm	12			
System	Record On Alarm On Screnn Display	(X) (X)			
	gp to preset	1			
Live Video		15			
	Alarm Interval(sec)				
	Schedule         Norm         1         2         3         4         5         6           Sun         Mon         True         3         4         5         6           Wed         True         True         5         5         7           Fri         Sat         Sat         Sat         5         8		Select All	10 17 15 19 20 21 2	2 23

- a. Set the motion detection and voice alarm, pictures can be sent to mail box or FTP server. Besides, can record video when alarm.
- b. On the menu, we also provide motion detection sensitivity adjustment and preset setting when alarm.
- c、 You also could choose daily schedule there.
- d、 After finish the setting, please store your settings then could works.

## 2. E-mail Setting

lam Settings		Email Settings		
Alarm Settings	Sender(xxx@xxx.xxx)	ipcamera_test1@163.com		
Email Settings		ipcamera_test20163.com;	(A)	
Ftp Alarm	Recipient(хох@хох хох,ххх@хох хох.)	ipcamera_test30163.com	+ Add more n	ecipient split with ';'
Record Param	SMTP Server	smtp. 163.com	@163.com	•
etwork	SMTP Port(Default 25)	25		
	Transport Layer Secunty	- Gmail use STARTTLS at 25/587	port or TLS at 465 port	
fulti Camera	SMTP User	ipcamera_test1@163.com	part of the of the point	
ystem	SMTP Password			
ive Video	Report ip address by mail	V		
	Save	Save And Test	Cancel	

- a. Please enter write sender' and receiver's email in the proper area. Please add ; when have many email addresses there.
- b、 SMTP Server is the same as the sender's email SMTP.
- c、 SMTP port is 25.
- d、 User name and password please use the sender's information there.
- e. After finishing entering, please save it to make the setting work. You could make a test to check whether it works or not.

#### 3. FTP Setting

 u.	
FTP Server FTP Port(Default 21) FTP User FTP Password FTP Upload folder	FTP Port(Default 21)         21           FTP User         Isg           FTP Password         ••••

- a、 Please enter right sever address for the FTP.在 FTP
- b、 FTP port is 21.
- c、 User name and password is the same as you use on FTP.
- d. Upload the menu and make it as your save menu.
- e. After the filling, please save it and then the setting works. You could make a test on it to check if it works.

#### 4. Record Parameter

a	Wireless/Wired   Pan/Tilt Record Settings
m Settings	Record Settings
Alarm Settings	
Email Settings	Record Path E:\ Browse on alarm
Ftp Alarm	Record quality 100 (1-100 Recommand >40) Save
Record Param	Note: this page configuration save to the current user computer, if is Windows Vista and above the user please use
vork	administrator identity open browser save configuration
ti Camera	
em	
Video	

- a. Click the recording and alarm route , you could change the rout there.
- b. Recording quality edit box could change the quality of the video, please save it after the settings.

#### 5. Network Setting

Alarm Settings	Netv	vork Configuration	
vetwork	Device name	IPCamera	
Network Param	Use DHCP		
Network I al an	IP Address	192.168.1.239	
WIFI	Net Mask	255.255.255.0	
DDNS	Default Gateway	192.168.1.1	
	DNS Server		
ti Camera	Web port(default 80)		
tem		The new port used after reboot	
re Video	0	K Cancel	
		UPNP Settings	
	UPNP Enable	V	
	Status	Port Map Successful Windows Find	Successful
	Si	ave Cancel	

- a. You could change the device name on the name edit box.
- b. If your network support DHCP service, please click dynamic obtaining IP address, the camera will automatic obtaining the IP address.
- c. IP address edit frame shows the current IP address if the device, you could modify it there..
- d、 Subnet mask edit box shows the current device subnet mask, you could revise it there.
- e. Default edit box shows the current gateway, you could revise it there
- f、 WEB port edit box shows the current device's WEB. you could revise it there WEB
- g、 Please circle UPNP, it can make the camera automatically achieve port forwarding to your wireless router, connect your router to achieve internet view. your wireless router also should have UPNP function.
- h. After finishing, please remember to save it to make it effect.

#### 6. WIFI Setting

IP camera supports WIFI

larm Settings		WIFI Link S	tatus					
letwork	Connect AP SC11	nect AP SC11 <> 00-27-19-A4-8B-50 IP Address Disconnect						
Network Param		Station Profile(Up to 4)						
WIFI	Profile	SSID Channel	Authentication					
DDNS	V	Edit Delete	Activate					
fulti Camera		Station Site St	ırvey					
ystem	SSID	RSSI Channel	Encryption					
ive Video	3GSM	6	Unknown					
	Site survey page shows i	nformation of APs nearby You may choose	WPA2-PSK one of these APs connecting or adding it to profi	le.				
SSID		SC11						
Security Po			sonal					
		SC11 WPA2-Per	sonal 💌					
Security Po Security M			sonal					
Security Po	ode	WPA2-Per	sonal 💌					

- a. Click scan, and you will see the Wifi there, choose your own Wifi and connect it.
- b、 Choose the right Security Mode and WPA Algorithms and then you will see pass phrase and then enter the Wifi password, click apply and then works.

			WIE	I Link Status			
work	Connect	AP	Disconnected		IP Address		
Network Param	L		Station	Profile(Up to	4)		
WIFT	N.	Profile	SSID	Channel	Authentication		
DDNS		PROF001	SC11	1 Delete	WPA2-PSK Activate		
lti Camera							
tem				n Site Survey			
e Video	•	SSID SC11	RSSI	Channel	Encryption WPA2-PSK		
e video	0	3GSM	-atl	6	Unknown		
					ese APs connecting or adding it to	p profile.	
		ted <> SC11	Connect	Rescan			

		Station	Profile(Up to	o 4)
	Profile	SSID	Channel	Authentication
0 🖌	PROF001	SC11	1	WPA2-PSK
	Edi	t	Delete	Activate

c. If disconnect, it shows red circle, when succeed, it shows green circle.

d.All the settings upside need be the same as you set on your router, please check your acess point or the manual book of the router to check it or consult the web administrator.

## 7. DDNS

Dynamic realm name is used as a static realm name to visit a dynamic one. When you access to ISP network, the device will get a temporary dynamic IP address, the dynamic real name will track the address. Even the address changed, you also could use a static realm to visit this device from remote.

Network Param     Eanble DDNS       WFI     Status     DDNS Update Failed; http://113.104.202.39.82       DDNS     IRL     http://113.104.202.39.82       Variant Camera     Cancel       vstem     Other DDNS configuration       ve Video     DDNS Server     None       DDNS     Account     Image: Cancel       DDNS     DDNS     Image: Cancel	Alam Settings	Wireless/Wired   Pan/Tilt Built	 in DDNS configuration	
DNS     Save     Cancel       Multi Camera     Other DDNS configuration       ve Video     DDNS Server     None       DDNS Server     None         Account           Password           DDNS	Network Param Statu		DDNS Update Failed; http://aovh.tenvis.info:82	
Other DDNS configuration       ve Video       DDNS Server       Account       Password       DDNS	wiri			
DDNS Server None  Account Password DDNS DDNS	System	Oth	er DDNS configuration	
Account  Password DDNS	.ive Video			
Sam Carrel	Acco Pass	unt word	None	
			Save Cancel	

- a. Built in DDNS is what we offer you on the gift box,, user name and the passwords.
- b、 If you want to setting the DDNS yourself, please setting them on the third part DDNS setting area to select the right sever and then enter the right account, command and realm name. Save it and then works.
- c. If you need internet to visit the camera, please open UPNP or open the port on the router, you could refer to the manual book and also consult the webmaster.

#### 8. Multi-live Channels Setting

larm Settings	Multi	i camera monitor con	figuration		
etwork		IPCamera(192.168.2.2	38.82)		
lulti Camera	Device list in LAN				
ystem	Device natin Enn				
ive Video	amera 1 [local camera]	Scan	>		
	Camera 2 lias: IPCamera				
	IP Augress : Port	192.168.2.239	: 80		
	User Name : Password	admin		Delete	
	Camera 3 alias: IPCamera				
	Camera 4 alias: IPCamera				
	Camera 5 alias:				
	Camera 6 alias:				
	Camera 7 alias:				
	Camera 8 alias:				
	Camera 9 alias:				
		Save Car	ncel		

Add other cameras and click the area the photos shows and enter the right IP Address or realm name, port, user name, password, and they save it. You could click the multi graphics there.

## 9. Camera Basic Status

Alam Settings		About	
Network			
	Device Model Device SN	RT5350 sn	
Multi Camera	Hardware Ver	sn Ver 1.4	
System	Firmware Ver	Ver 1.6.12	
oystem	Manufacturer	Tenvis	
About	Web Site	http://www.tenvis.com	
PTZ Settings			
Settings			
NTP Settings			
System Log			
Language			
Change Password			
System User			
Upgrader			
Reboot			

Show device info.

## **10. PTZ Setting**

Marm Settings		PTZ	Settings	
Vetwork				
Multi Camera	Enable PTZ Enable Preset		V	
	PTZ Initial position		1 -	
System	PTZ Speed		12 -	
About	F12 Speed		The higher number, The higher speed	
PTZ Settings		Save	Cancel	
Settings				
NTP Settings				
System Log				
Language				
Change Password				
System User				
Upgrader				
Reboot				
Live Video				

Enable or disable PTZ function, preset position, adjust PTZ initial position or PTZ speed.

## 11. System Setting

	Wireless/Wired   Pan		
larm Settings		Settings Management	
etwork			
lulti Camera	Export Settings Export Button	Export	
About	Import Settings Settings file location	[]湖览	
PTZ Settings		Import Cancel	
Settings	Load Factory Defaults Load Default Button	Load Default	
NTP Settings			
System Log			
Language			
Change Password			
System User			
Upgrader			
Reboot			
ve Video			

- a. Derive setting could help you make the backup file
- b. Lead-in could choose backup file and recover it.
- c. Recover the factory setting would empty any settings you have and come back to the original factory default.

#### 12. Time Setting

dam Settings		Pan/Tilt NTP Settings		
		are settings		
letwork	Current Time	Wed Sep 12 15:19:14 GMT 2012	Sync with host	
Sulti Camera	Time Zone:	(GMT+08:00) China Coast, Hong Kong		•
About	NTP Server	time.nist.gov ex.5me.nist.gov ntp0.broad.mit.edu lime.stdtme.gov.tw		
PTZ Settings	NTP synchronization	n(hours) 48		
Settings		Save Cancel	]	
NTP Settings				
System Log				
Language				
Change Password				
System User				
Upgrader				
Reboot				

User could choose the time as the PC, you also could choose time zone, internet time and the adjustment. Click save to make it work.

## 13. System Log

	IP Camera Wireless/Wired   Pan/Tilt
Alarm Settings	System Log
Network	New Video Client (null) 17:192.168.2.139 New Video Client (null) 17:192.168.2.139
Multi Camera	New Video Client (null) IF:192.160.2.139 New Video Client (null) IF:292.162.2.139
System About	Hew Video Client (mull) 17:152:168.2.139 Hew Video Client (mull) 17:152:168.2.139 Hew Video Client (mull) 17:152:168.2.139 Hew Video Client (mull) 17:152:168.2.139
PTZ Settings	Video Franz Size 640 X 480 Video Franz Size 230 X 240 New Video Clanz (mill) IF:192.168.2.139
Settings	New Video Client (null) IF:192.168.2.139 New Video Client (null) IF:192.168.2.139
NTP Settings	Hew Video Client (null) 17:192.168.2.139 New Video Client (null) 17:192.168.2.139 New Video Client (null) 17:19:18:18.2.139
System Log	Mew Video Client (null) 19:192:182.239 New Video Client (null) 19:192:182.239 New Video Client (null) 19:192:182.239
Language	Video Frame Size 640 X 480 Video Frame Size 320 X 240
Change Password	New Video Client (null) IP:192.168.2.139 New Video Client (null) IP:192.168.2.139
System User	Hew Video Client (null) IF:192.168.2.139 Hew Video Client (null) IF:192.168.2.139 Hew Vid
Upgrader	
Reboot	
Live Video	4 · · · · · · · · · · · · · · · · · · ·
	Clear Log Refresh

Check the system log.

## 14. System Language

Jam Settings	Sy	item Language	
letwork	Select Language	English •	
Sulti Camera			
ystem	Do not show welcome page UI Color style	🖾 🖉 Gray 🖒 Blue	
About	Sav	Cancel	
PTZ Settings			
Settings			
NTP Settings			
System Log			
Language			
Change Password			
System User			
Upgrader			
Reboot			
ive Video			

You could choose the operation language and operation window as youer choice

#### **15. Modify Password**

Alam Settings		Chan	ge Password		
Network					
Iulti Camera	user name		admin		
	old password				
ystem	new password				
About	confirm password				
PTZ Settings		Save	Cancel		
Settings					
NTP Settings					
System Log					
Language					
Change Password					
System User					
Upgrader					
Reboot					
Live Video					

Modify current password.

## 16. User Management

Alarm Settings		User management	a •		
Vetwork	System user [admin]				
	user defined				
dulti Camera	user name: 123	Password: ***	Group: Operator	•	Delete
/stem	user name: 12	Password: ••	Group: Guest	•	Delete
About	user name:	Password:	Group: Guest	•	Delete
	user name:	Password	Group: Guest	•	Delete
PTZ Settings	user name:	Password:	Group: Guest	•	Delete
Settings	user name:	Password:	Group: Guest	•	Delete
NTP Settings		Save Cance			
System Log					
Language					
Change Password					
System User					
Upgrader					
Reboot					

- a. Administrator could operate, add, cancel the user
- b. There have 3 authorities for this camera: Visitor, operator, administrator.
  - 1. Visitor: Only watch couldn't do other operations.
  - 2.Operator: Only could Watch, control the PAN/TILT.
  - 3. Administrator: Could whole control of your camera.

## 17. Firmware Upgrading

	IP Camera Wireless/Wired   Pan/Tilt	
Alarm Settings	Firmware Upgrade	
Network	Upgrade you device to new version	
Multi Camera	System upgrade may need about 1 minute Attention: please make sure to use the correct upgrade package, otherwise, it will cause the system cannot startup.	
System About	Attention:Please don't use WLAN upgrade your system. Location 演流	
PTZ Settings	Upgrade	
Settings		
NTP Settings		
System Log		
Language		
Change Password		
System User		
Upgrader		
Reboot		
Live Video		

User could choose right firmware to upgrade your camera.

#### 18. Reboot System

Alarm Settings	Firmware Upgrade
vetwork	Upgrade you device to new version
dulti Camera	System upgrade may need about 1 minute Attention: please make sure to use the correct upgrade package, otherwise, it will cause the system cannot startup.
iystem About	Attention:Please don't use WLAN upgrade your system.
PTZ Settings	Upgrade
Settings	
NTP Settings	
System Log	
Language	
Change Password	
System User	
Upgrader	
Rebort	
ive Video	

Click rebooting button and reboot the camera

# **19. Real-time Monitoring**

Alam Settings	Device reboot	
Network		
Multi Camera	Reboot	
System		
About		
PTZ Settings		
Settings	1	
NTP Settings		
System Log		
Language		
Change Password		
System User		
Upgrader		
KEDOOL		

Click the real time monitoring and back to the video page.

#### FCC STATEMENT

- 1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.
- 2. Changes or modifications not expressly approved by the party responsible for compliance could void the user' s authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- -- Reorient or relocate the receiving antenna.
- -- Increase the separation between the equipment and receiver.
- -- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- -- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, Human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.