

# QUICK INSTALLATION GUIDE

**Wireless N Megapixel Network Camera  
F3101/3106**

86085L1000020

# Package Contents

**Camera** – F3101/3106 Network Camera

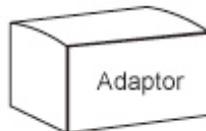
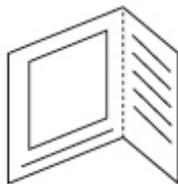
**Quick Installation Guide** – To provide brief product information and quick installation and wireless setting.

**Software CD** – Free bundled IP surveillance software, Intelligent IP Installer, user manual and language packs.

**Ethernet cable** – Assist to setup your IP Camera.

**Mounting Bracket** – There are three components including lock ring, brace, and base plate to compose a bracket and three applied screws to fix the base plate to a flat surface. (horizontal or vertical)

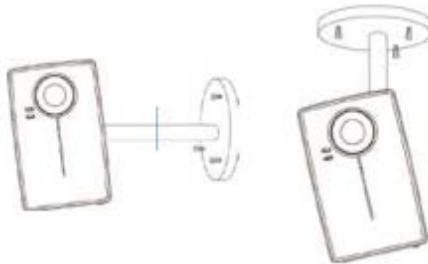
**Adaptor** – 12V DC, max 12W



# Package Contents

## a. Wall mounting and Ceiling mounting

1. Use the 3 supplied screws to fix the base plate to a flat surface.
2. Loosen the lock ring to adjust the desired angle of the camera.
3. Tighten the lock ring.



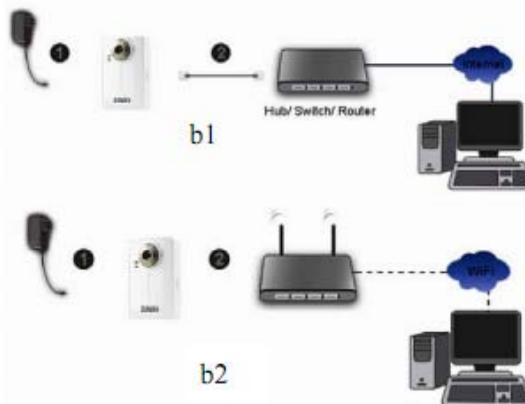
## b. Connect cables and power supply

### b1. Wire Connection

1. Connect the power adaptor to the IP Camera.
2. Use a standard RJ-45 network cable to connect the IP Camera to the Network connection

### b2. Wireless Connection (F3105)

1. Connect power adaptor to the IP Camera.
2. Connect to Wi-Fi.

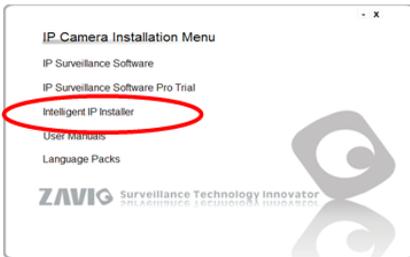


# User Interface

## Microsoft OS: Use the software CD to install Intelligent IP Installer

Power on your PC and insert the CD-ROM. The setup page will show up automatically. Please follow these steps to install the firmware.

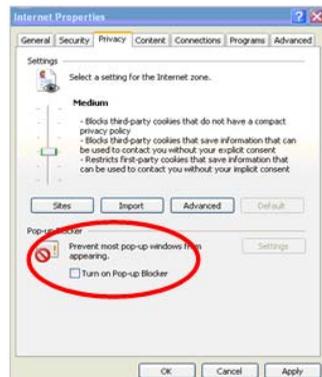
Select **“Intelligent IP Installer”** and follow the installation process to complete the installation.



## Access the IP Camera using Intelligent IP Installer

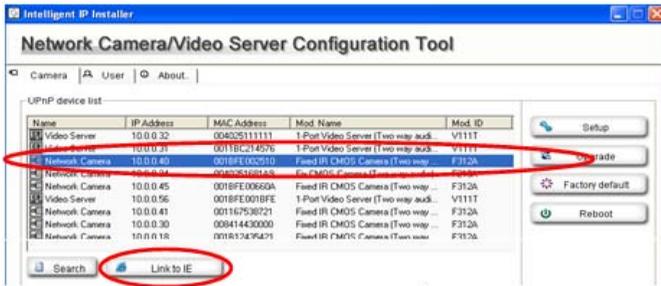
1. Before using Intelligent IP Installer, please check two settings.

- a. Browser's Internet Properties → Security → **Default Level**
- b. Browser's Internet Properties → Privacy → Uncheck **Pop-up Blocker**



# User Interface

2. Click the Intelligent IP Installer Icon on your desktop. The main page will show up listing all active camera and video server devices. Select the relevant IP camera from the list and click **Link to IE**.



3. Enter your Username and Password to login to the IP Camera.  
**(Default is admin / admin)**



4. When accessing the IP Camera for the first time, a yellow information bar appears below the address bar: **This website wants to install the following add-on: 'AxvideoView.cab' from 'Zavio Inc.'**



5. Click the information bar, and select **Install ActiveX control**.





# User Interface

3. Enter name and password to login to the IP camera. (Default is admin/admin)

4. The monitor image will be displayed in your browser.



## Lighting environment setting

The default setting of lighting environment is **Auto**. However, you may also select 50 or 60 Hz upon the lighting environment of your country.

Go to “Setting → Basic → Camera → Advanced”, choose the environment setting you wish.

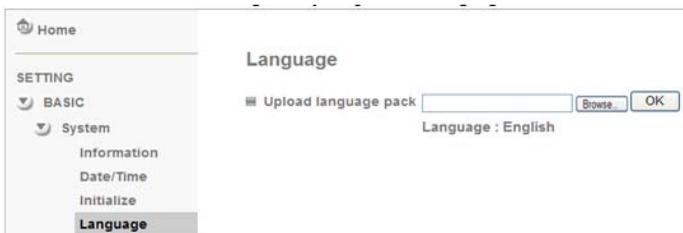


## Change the Web Interface into your preferred language

Use the settings screen to set the language of the Web Interface.

Go to “Setting → Basic → System → Language”.

1. Insert Software CD into your CD-ROM.
2. Browse and select the preferred language from language pack in the Software CD and then click OK.
3. The web interface will change into your preferred language.



# User Interface

## Use IP Camera via Mobile Phone

### 1. Using IP Camera via iPhone

Select Safari function → Enter IP address in the web link → enter username and password (**default value admin/admin**) → The Zavio user interface and Live Image will show up in the middle of the screen.

### 2. Mobile phone viewing

#### a. 3G Mobile Phone Streaming Viewing

For 3G mobile phone viewing, please type “**rtsp://<IP>:<PORT>/video.3gp**” into your 3G web media player.  
<IP> is the IP address of your IP camera;  
<PORT> is the RTSP port of your IP camera (Default value is 554.)

**Example: rtsp://100.10.10.1:554/video.3gp**

#### b. 2.5G Mobile Phone Viewing

##### b1. WAP viewing

For 2.5G WAP mobile phone viewing, type “**http://<IP>/mobile.wml**” into your 2.5G web browser.

##### b2. Browser viewing

For 2.5G mobile phone browser viewing, type “**http://<IP>/mobile.htm**” into your 2.5G web browser.

## Access to the Internet

a. Internet connectivity of the IP camera can be established by inputting the cameras IP information within the **Information section**.

(Please go to **Setting → Basic → Network → Information**)

The screenshot shows the 'Information' settings page for the IP camera's network configuration. The left sidebar contains a 'SETTING' menu with options: BASIC, System, Camera, Network, Information (selected), PPPoE, DDNS, UPnP, Bonjour, IP Notification, Wireless, Messenger, Security, and Advanced. The main content area is titled 'Information' and includes the following fields:

- MAC address: 00:1B:FE:00:CC:FA
- Obtain an IP address automatically (DHCP):
- Use the following IP address:
- IP address: 10 . 0 . 0 . 40
- Subnet mask: 255 . 255 . 255 . 0
- Default gateway: 10 . 0 . 0 . 1
- Use the following DNS server address:
- Primary DNS server: 168 . 95 . 192 . 1
- Secondary DNS server: 168 . 95 . 1 . 1
- HTTP port number:  80  (1024 to 65535)

At the bottom of the form are 'OK' and 'Cancel' buttons.

# User Interface

- b. Internet Connectivity of the IP Camera can be established through PPPoE (Point-to-Point Protocol over the Ethernet) by inputting the username and password from your Internet Service Provider (ISP) within the **PPPoE section**.

(Please go to **Setting → Basic → Network → PPPoE**)

**Note 1: Please reboot the IP Camera, after changing the PPPoE settings.**

**Note 2: Please turn on the DDNS and IP Notification function when using the PPPoE function.**

HOME

SETTING

BASIC

System

Camera

Network

Information

**PPPoE**

DDNS

UPnP

IP Notification

Wireless

Messenger

Security

Advanced

PPPoE  On  Off

IP address

User ID

Password

Re-type password

Obtain DNS server address automatically

Use the following DNS server address

OK Cancel

- c. Internet Connectivity of the IP Camera can be established if your router is UPnP(Universal Plug and Play) enabled. The IP camera is automatically detected and added to “My Network Places” on your computer. *Please note that only Home Routers manufactured after 2006 support the UPnP function.*
- c1. If your router is a UPnP Internet Gateway Device (IGD), turn on the **UPnP function** within the UPnP section. (Please go **Setting → Basic → Network → UPnP**)

**Note: If you turn on the UPnP Port Forwarding function, RTSP (Real Time Streaming Protocol) Port information will change to the illustrated value below.**

# Operating System

HOME

SETTING

BASIC

- System
- Camera
- Network
  - Information
  - PPPoE
  - DDNS
  - UPnP**
  - IP Notification
  - Wireless
  - Messenger
- Security
- Advanced

UPnP  On  Off

Turn On UPnP port forwarding

HTTP port  80  (1024 ~ 65535)

SSL Port  443  (1024 ~ 65535)

MPEG4 viewer port  (1024 ~ 65535)

MPEG4 viewer port(SSL)  (1024 ~ 65535)

MJPEG viewer port  (1024 ~ 65535)

MJPEG viewer port(SSL)  (1024 ~ 65535)

MPEG4 RTSP port

Computer view  (1024 ~ 65535)

Mobile view  (1024 ~ 65535)

OK Cancel

c2. If your router is not a UPnP Internet Gateway Device, please setup Port Forwarding or Port Mapping

**Note 1: Home Routers manufactured before 2006 do not support UPnP IGD function.**

**Note 2: Enterprise Routers do not support UPnP IGD function.**

LINKSYS  
A Division of Cisco Systems, Inc.

Wireless-N Broadband Router WRT300N V1.1

Applications & Gaming

Setup Wireless Security Access Restrictions Applications & Gaming Administration Status

Single Port Forwarding Port Range Forwarding Port Range Triggering DMZ QoS

Single Port Forwarding

Application Name

HTTP

FTP

None

None

None

NAS

NAS2

13247

514

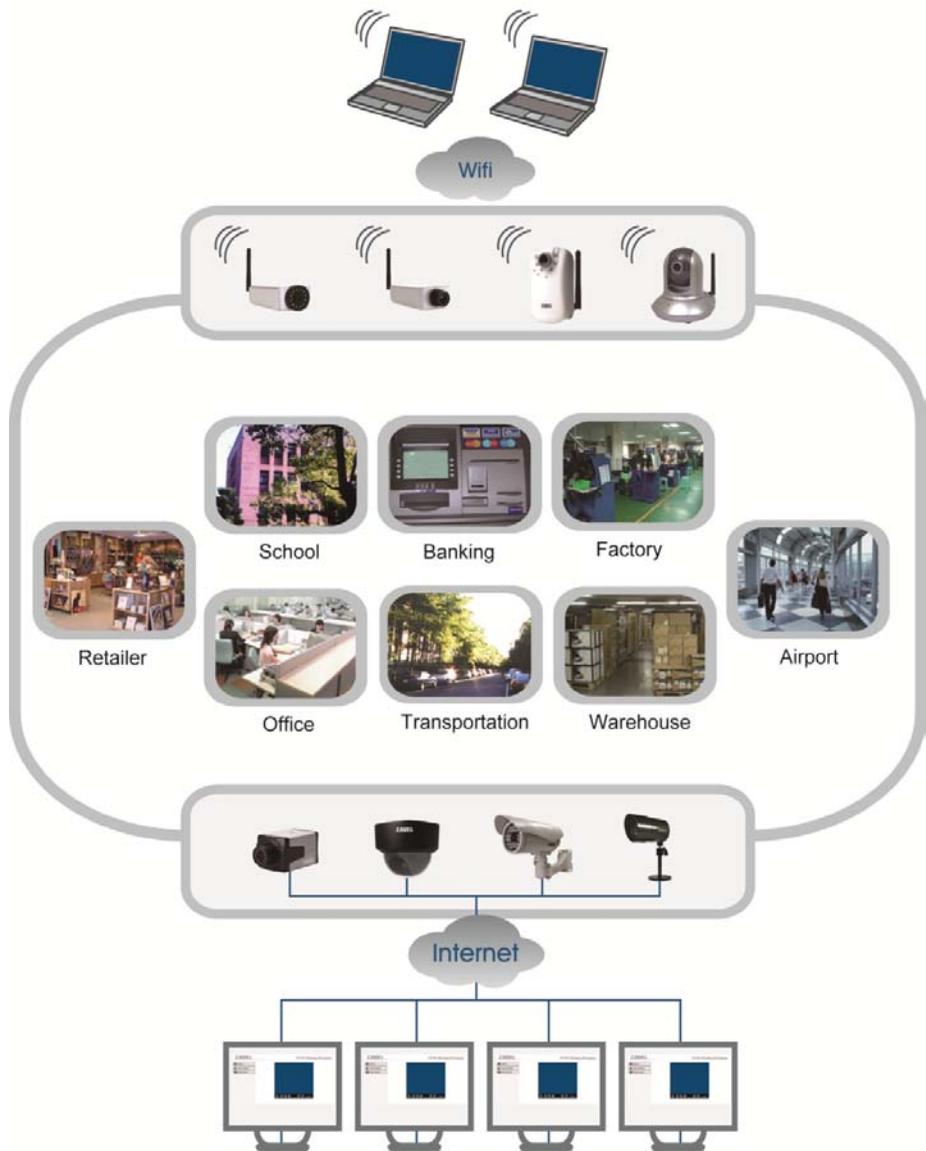
5900

2000

External Port	Internal Port	Protocol	To IP Address	Enabled
---	---	---	192.168.1.51	<input checked="" type="checkbox"/>
---	---	---	192.168.1.100	<input checked="" type="checkbox"/>
---	---	---	192.168.1.0	<input type="checkbox"/>
---	---	---	192.168.1.0	<input type="checkbox"/>
---	---	---	192.168.1.0	<input type="checkbox"/>
5150	5150	Both	192.168.1.100	<input checked="" type="checkbox"/>
5160	5160	Both	192.168.1.100	<input checked="" type="checkbox"/>
13247	13247	Both	192.168.1.10	<input checked="" type="checkbox"/>
514	514	Both	192.168.1.10	<input checked="" type="checkbox"/>
5900	5900	Both	192.168.1.10	<input checked="" type="checkbox"/>
2000	2000	Both	192.168.1.50	<input type="checkbox"/>
0	0	Both	192.168.1.0	<input type="checkbox"/>
0	0	Both	192.168.1.0	<input type="checkbox"/>
0	0	Both	192.168.1.0	<input type="checkbox"/>
0	0	Both	192.168.1.0	<input type="checkbox"/>

Help...

# Application of IP Camera



# FAQ

## 1. How can we benefit from this service?

This service completely eliminates the needs for advanced network know-how to setup and allows you remote access your camera via desktop PC, laptop and mobile device including iPhone and BlackBerry. Just plug in, run the quick wizard, and in minutes you will be able to view and manage the camera from anywhere in the world. It's that easy. With this service, you can:

- a). Check camera status
- b). Remotely configure camera settings.
- c). Intelligent surveillance of multiple IP-Cams and up 9-CH live view via web browser.

## 2. How to get more information about the feature keys from this service?

Please login then click 

## 3. How do I register for account?

If you are a first-time user and have never created accounts, please use the Wizard CD and it will guide you to register your own account step by step.

## 4. Which web browsers can I use to login?

For PC client, this service so far only supports Microsoft Internet Explorer 7 or higher with ActiveX support and please make sure that your computer's antivirus software does not block ActiveX controls. Browsers such as Firefox, Google those are not supported this service at this time.

## 5. How to login via mobile device?

You can remotely access your camera via WiFi and 3G mobile device. Please add "/mobile" after the URL to use mobile service which is compatible with the following OS and browser of mobile device:

Mobile OS	Mobile browser
Windows Mobile	Opera 10 mobile
Android OS	Embedded web kit
Android OS	Dolphin Browser
iPhone OS	Safari







