PUSH V!DEO

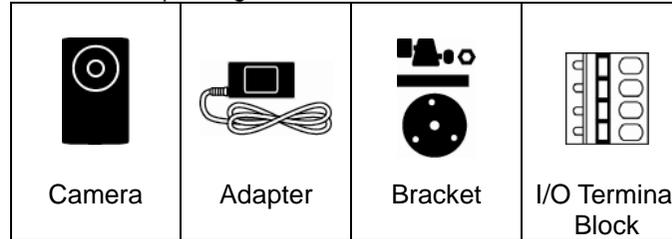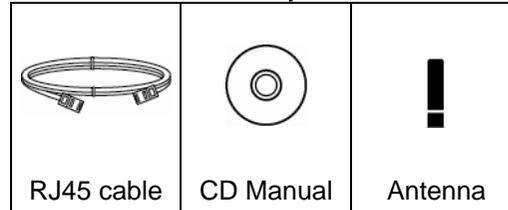(**PRODUCT OVERVIEW**)

■ Package Content

Before starting to set up your camera, please make sure items below in your box:

▼ Standard package:

Camera	Adapter	Bracket	I/O Terminal Block

▼ Selected models only:

| RJ45 cable	CD Manual	Antenna

■ Insert Micro SD Card

Only selected models are equipped with a micro SD card slot for local video recording.

The data originally saved in the micro SD card (if any) will be removed after inserting it to the camera.

The camera doesn't support hot-swapping. Please insert or remove the micro SD card with power disconnected.

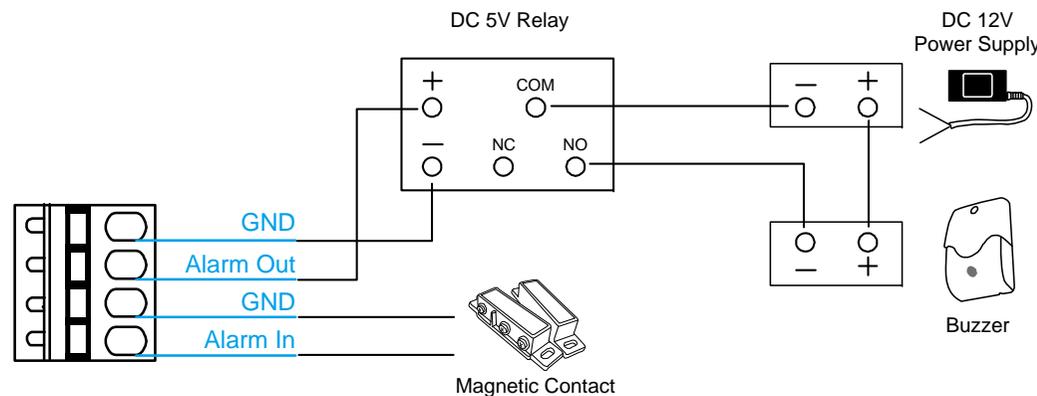Card slot on the left | Card slot on the right
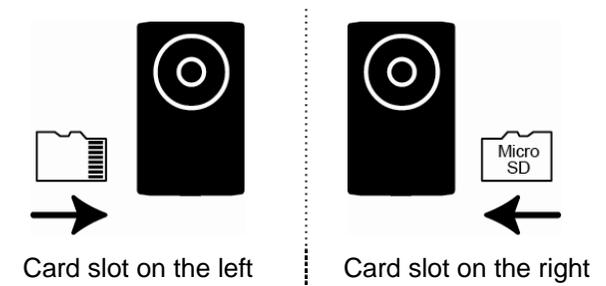
■ I/O Terminal Block

This camera supports external I/O device connection, and a 4-pin I/O terminal block is supplied with this camera for easy connection.

Below shows which input on the I/O terminal block you should use for wiring when you want to connect an external device to this camera.

GND
Alarm Out
GND
Alarm In

4-pin I/O Terminal block

DC 5V Relay

COM
NC   NO

GND
Alarm Out
GND
Alarm In

Magnetic Contact
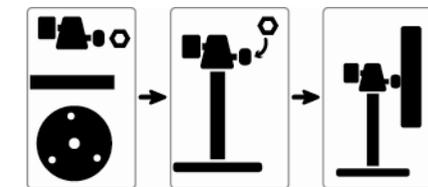
DC 12V Power Supply

Buzzer

Example of Alarm Out Connection

■ Assemble & Install

1. Fasten the base of the bracket (the round one) to where the camera is installed.

   `The distance between your camera and the location you want to monitor should be 3 ~ 4 meters.`

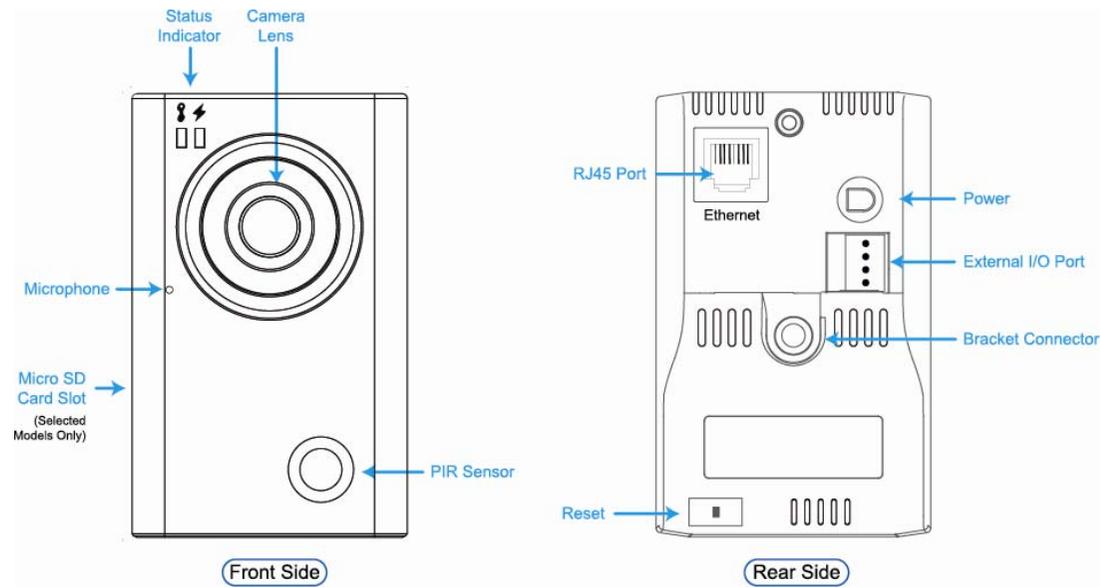2. Assemble the bracket and the camera, and adjust the viewing angle of the camera.

3. *(For wireless models only)*
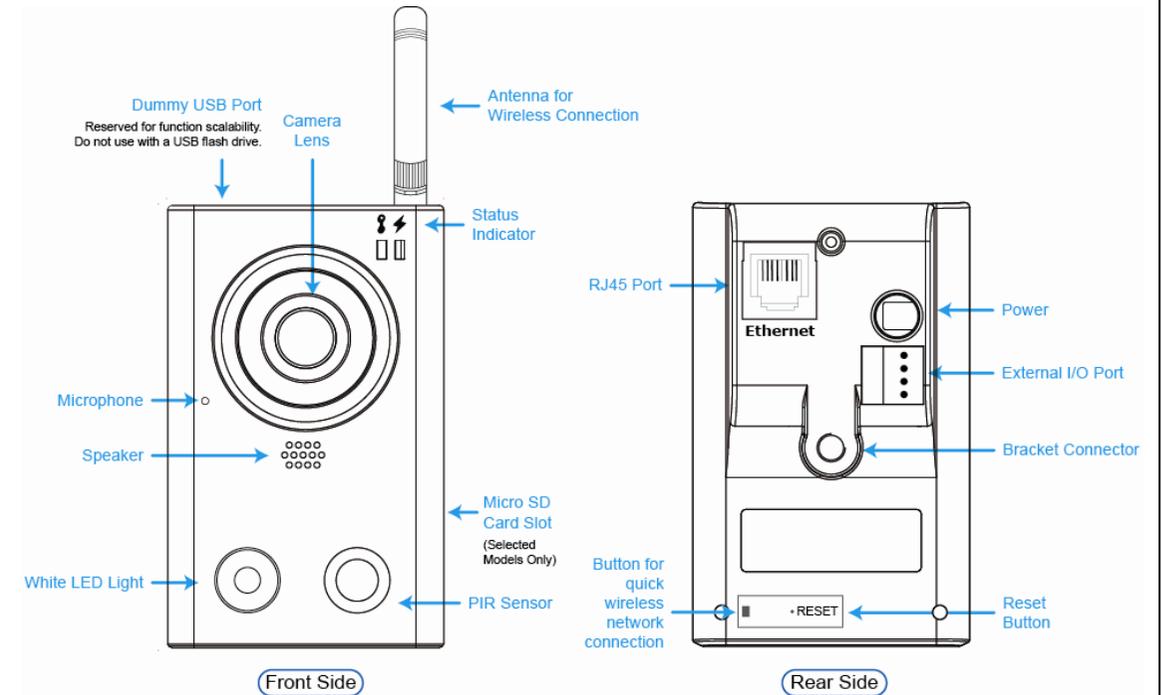   Fasten the antenna for wireless network connection.

4. Connect your camera to power, and check the LED status indicators to make sure the camera is powered on.

▉ Hardware Overview

Type 1:

Status Indicator
Camera Lens
RJ45 Port — Ethernet
Power
External I/O Port
Microphone
Micro SD Card Slot (Selected Models Only)
Bracket Connector
PIR Sensor
Reset
Front Side
Rear Side

Type 2:

Dummy USB Port
Reserved for function scalability. Do not use with a USB flash drive.
Camera Lens
Antenna for Wireless Connection
Status Indicator
RJ45 Port — Ethernet
Power
External I/O Port
Microphone
Speaker
Micro SD Card Slot (Selected Models Only)
Bracket Connector
White LED Light
PIR Sensor
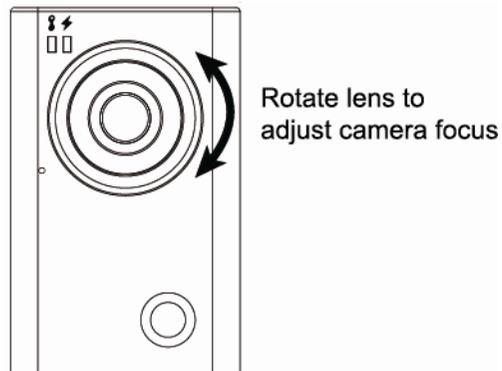Button for quick wireless network connection
Reset Button
Front Side
Rear Side

▉ Focus Adjustment

When you've accessed the camera successfully for the first time, it's recommended to adjust the clearness of the video by rotating the camera lens, as illustrated below.
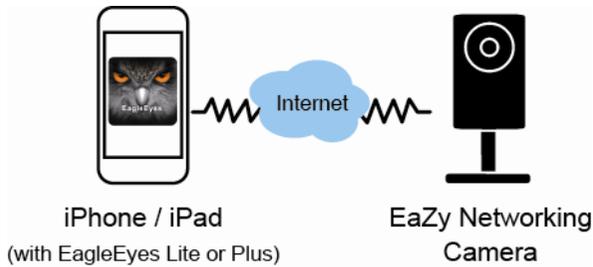

Rotate lens to adjust camera focus

▉ LED Status Indicators

ICON	🔗 LAN	⚡ Internet
System Status		
During powering on	Always on	Always off
Reset default	Blinking (on 250 ms, off 250 ms)	Always off
Upgrade	Blinking (on 250 ms, off 250 ms)	Blinking (on 250 ms, off 250 ms)
Connection Status		
LAN connected	Always on	--
LAN disconnected	Blinking (on 100 ms, off 500 ms)	--
Internet connected	--	Always on
Internet disconnected	--	Blinking (on 100 ms, off 500 ms)
Micro SD Card Status		
Micro SD Card Error	Keep current status for 20 sec → Blinking for 3 sec → Return to current status	
Other Connection Status		
<EaZy Networking> Failed to Connect to AVTECH Cloud Server	Always on	Blinking (on 5 sec → off 0.5 sec → on 0.5 sec → off 0.5 sec → on 5 sec)

PUSH V!DEO

QUICK SETUP
With EaZy Networking

iPhone / iPad ~~~ Internet ~~~ EaZy Networking Camera

iPhone / iPad
(with EagleEyes Lite or Plus)

EaZy Networking Camera

FW1009

■ What's EaZy Networking

EaZy Networking is a service to connect your IP camera to Internet automatically by plug and play, but it's **not free**.

To use this service, you need to create an account for the AVTECH cloud service from EagleEyes.

Initially, AVTECH will provide **500MB data allowance (approx. 260 minutes) per EaZy Networking camera for free, which will be expired 6 months later** since your camera is added to the cloud server. When 500MB is out or expired, the camera connection is down.

To restore the service, users need to subscribe a data plan from AVTECH, or configure the network settings by themselves.
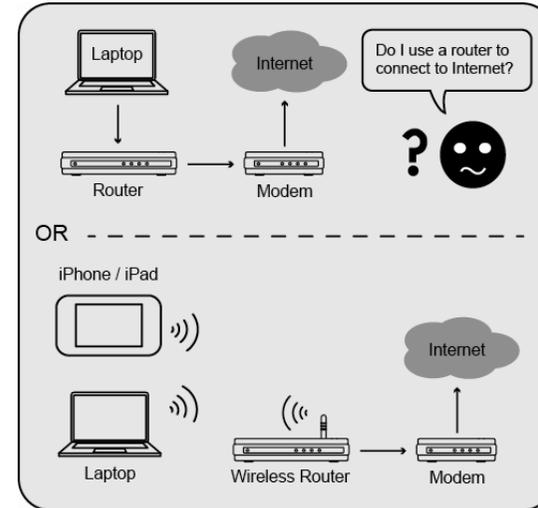
This service requires at minimum:

a) The network environment where a router or wireless router is used with the DHCP function enabled and you know where it is.

b) An iPhone / iPad

`Available for PC and Android mobile devices soon.`

`If any of the above criteria is not met, please download the advanced network setup from our official website.`

❶ Environment Checking

a) Do you use a router or wireless router to connect to Internet?

Laptop — Internet
Do I use a router to connect to Internet?
Router → Modem

OR - - - - - - - - - -

iPhone / iPad
Laptop — Wireless Router → Modem — Internet

b) You know where the router is located, and the DHCP function of your router is on.

❷ Device Checking

a) Your camera is powered on, and connected to the wireless router with a RJ45 network cable.

b) Check the LED status indicators, and make sure ⚑ (LAN) and ⚡ (Internet) are always on.

`If ⚡ (Internet) is not on, make sure the HDCP function of your router is enabled.`

⚑ - always on   Router   Modem
⚡ - blinking   (or Wireless Router)
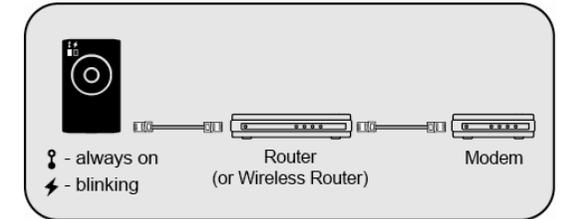
c) You have an iPhone / iPad, and it's connected to Internet by 3G networks or wireless networks.

d) You have installed our mobile app, **EagleEyes-Lite** or **EagleEyes-Plus** on your iPhone or iPad.

`If no, please download from App Store.`

`EagleEyesHD for iPad doesn't support EaZy Networking currently. Please download EagleEyes for iPhone instead.`

❸ Cloud Service Login

a) Open EagleEyes.	b) Create an account for the AVTECH cloud service.

Select "+", and choose "**EaZy**".

If you already have a cloud service account, please sign in.

For initial use, select "**Register**" to create an account for the cloud service. Fill in the information needed, and select "**Register**" to continue.

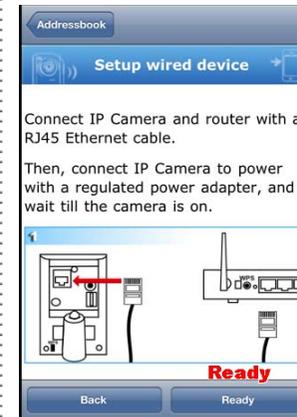This account is necessary for EaZy Networking to take effect.

❹ EaZy Networking Setup

c) Select the wired device.	d) Confirm your camera connection.	e) Check both LED indicators.	f) Key in the MAC address.	g) Preview and name your camera.

c) For the wired type, choose the upper one.

d) Make sure your camera setup is the same as the animation shown in this page, and choose "**Ready**" to continue.

e) Make sure both indicators are always on, and select "**Yes**" to continue.

f) Find the MAC address sticker on the rear panel of the camera, and enter it to "**MAC ID**".

Choose "**Apply**" to continue.

g) Check if the preview is what you need. Then, give a name to your camera if needed, or simply keep the default name, "**IPCAM**".

Choose "**Apply**" to continue.
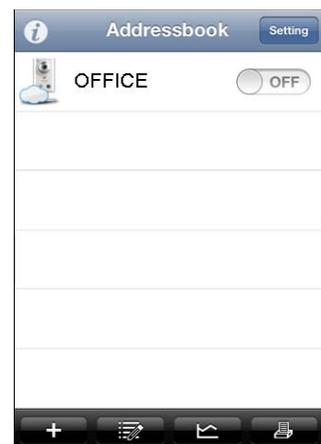
❹ EaZy Networking Setup (Continued)

h) Complete the setup.	i) Return to the address book.

Your camera is added to AVTECH cloud server successfully, and you're ready to use the camera.

Choose "**Close**" to complete the setup, or choose "**Add another device**" to add more EaZy Networking cameras.

Your camera is added to the address book with a cloud icon on it. Enable Push Video if needed.

Select the camera and see if you can see live view.

There will be no more necessary to memorize the address, user name, password and port number to access your camera.

Currently this service is available only on your iPhone / iPad. Remote surveillance on PC will be available later.
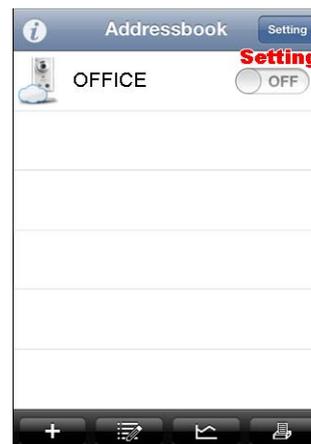
■ Account for Cloud Service

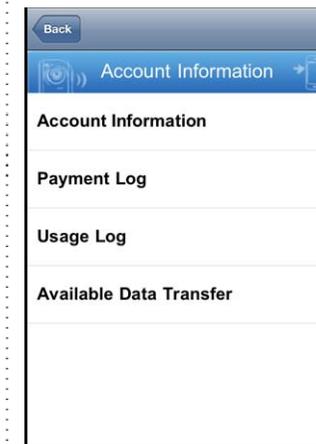| ▼ Check your account.	▼ Check your account information.	▼ Buy our data plan online.

Select "Setting" on the top right corner in the address book to configure or check the cloud service.

① Service log in / log out
② Check your account information.
③ Buy our data plan online.

You must log into the service first to see your camera.

Check your account information, such as how much data allowance has been used and how much is available, and the expiration date of your purchase.

Select any of our data plans to keep your camera online when the free 500MB data allowance is out or expired after 6 months since the camera is added to the cloud server.

Currently the plans for 1GB (USD 1) and 7GB (USD 5) are available.

■ Q&A

Q1: What are the advantages to configure your camera to Internet by using EaZy Networking?

A1: a) It greatly simplifies network configurations. Only plug and play and everything is done.

b) When the camera is abnormally disconnected, such as blackout, or the connection is restored, you'll get a push message.

c) The default access user name and password of the camera will become the ones used for your cloud service.

Q2: What are the limitations when the camera is configured to Internet by using EaZy Networking?

A2: a) 10 minutes the max. per access.
b) The IPS is 10 IPS.
c) The live video quality is limited to QVGA

Since the cloud service (EaZy Networking) is not a free service, these limitations are designed to save data usage in case users forget to log out the camera, resulting continuous data consuming.

The limitations on time and IPS could be omitted, and no data allowance will be charged when camera access is made by LAN, or port forwarding is made for the camera.

Q3: I'm not using a router to connect to Internet. Can I connect my camera to Internet by using EaZy Networking?

A3: No. A router is needed, and its DHCP function must be on.

Q4: How to remove a camera from the cloud service?

A4: Please do reset default on the camera.

Q5: My LED indicators are not always on. What should I do?

A5:

👤 LAN	⚡ Internet	Please check…
off	off	No power. Check if the power is connected well.
flashing	flashing	Networking failed. Check if your RJ45 network cable is connected well, or replace with a new one.
on	flashing	Flashing frequency: on 100 ms, off 500 ms Failed to connect to Internet. Check if your router is configured well for Internet access. **Make sure DHCP function of the router is enabled.**
on	flashing	Flashing frequency: on 5 sec → off 0.5 sec → on 0.5 sec → off 0.5 sec → on 5 sec Failed to connect to the cloud server. Please visit www.eagleeyescctv.com/support and write to us.

Q6: How does AVTECH charge for the cloud service?

A6: Initially, 500MB data allowance (approx. 260 minutes) per EaZy Networking camera is provided for free, which will be expired after 6 months since the camera is added to the cloud server.

No data allowance will be charged when camera access is made by LAN, or port forwarding is made for the camera.

The free 500MB data allowance can't be resumed even when the camera is reset.

When 500MB is out or expired, users can select our data plan from EagleEyes to continue this service.
Each data plan has its validity period; for more details, please see the regulations on the purchase page.

-- USD 1 / 1GB, approx. 520 minutes
-- USD 5 / 7GB, approx. 3640 minutes

The usage time per plan is for reference only, and may vary based on the complexity of your actual monitoring area.

For details, please see the chapter "**Account for Cloud Service**".

For further information on EaZy Networking, please visit our official website. www.avtech.com.tw, or go to the discussion forum PushVideoClub.com.