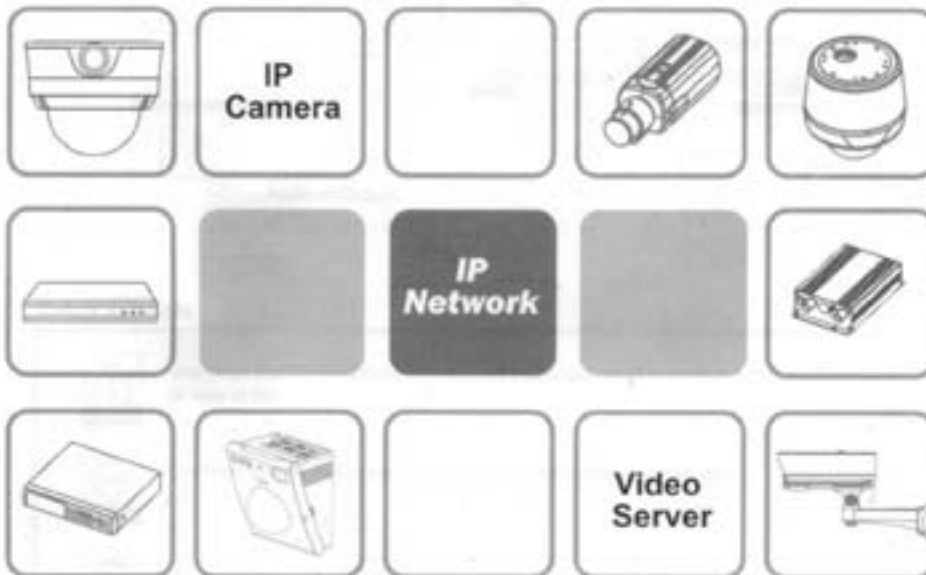




**VEILUX**  
*The Art of Surveillance*

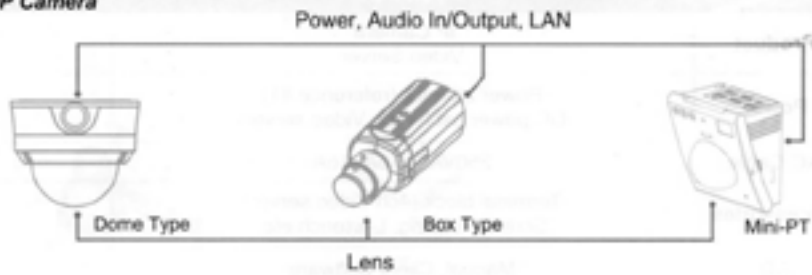
*Quick Installation Guide*

## **IP Camera & Video Server Quick Installation Guide**

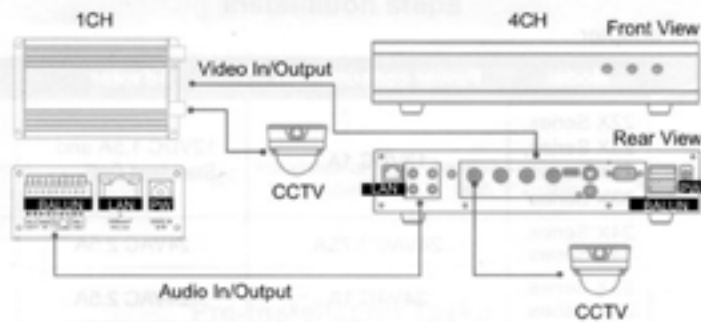


## Products Overview

### IP Camera



### Video Server



### Safety symbols



Warning

Warnings identify conditions or practices that could result in serious injury or loss of life.



Caution

Cautions identify instructions to protect the product against damage.



Note

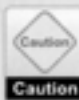
Notes identify useful technical information for users.

## Package Information

	Contents	Misc
<b>Product</b>	IP Camera Video Server	
<b>Power</b>	Power adaptor (reference #1) DC power cable(1ch Video server)	
<b>AC Cable</b>	250VAC, 10A~16A	
<b>Accessories</b>	Terminal block (4ch Video server) Screw, Housing, L-wrench etc.	
<b>CD</b>	Manual, Client Software	
<b>Document</b>	Quick installation Guide	
<b>Warranty</b>	Warranty card	

### #.1 : Power adaptor

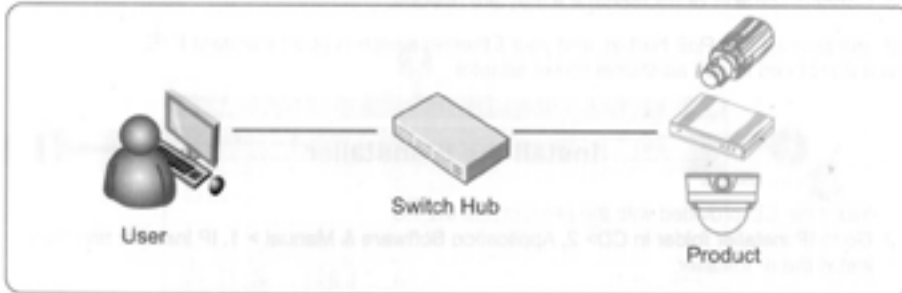
	Model	Power consumption	Adaptor	Misc
<b>IP Camera</b>	22X Series, 23X Series, 32X Series, 33X Series	12VDC 1A	12VDC 1.5A and Standard PoE	Included
	24X Series, 34X Series	24VAC 1.75A	24VAC 2.5A	Optional
	25X Series, 35X Series	24VAC 1A	24VAC 2.5A	Optional
	260 Series, 28X Series, 38X Series	12VDC 2A (with heater)	12VDC 3.3A	Optional
	262, 36X Series	12VDC 2A	12VDC 2.5A and Standard PoE	Included
	27X Series, 37X Series	12VDC 1.8A (with heater)	12VDC 3.3A	Optional
	29X Series	23VDC 1.1A	PoE Adaptor (23VDC 1.52A)	Included
<b>Video Server</b>	51X Series, 61X Series	12VDC 2A	12VDC, 2.5A	Included
	54X Series	12VDC 4.5A	12VDC 5A	Included



If you are using power adaptor not supplied with the product, make sure that you are using a one that meets with the specification for the product. iCantek assumes no responsibility against the damage caused by power adaptor not supplied with the product.

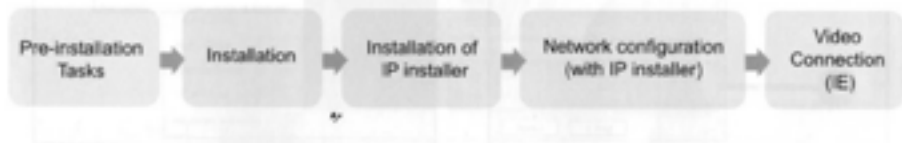
## Installation Overview

It is assumed that the product is installed in **LAN Static** mode. If you are using a mode other than **LAN Static**, see the Note below or ask your network administrator.



## Installation steps

Installation steps are shown in the following picture. Detailed information for the software or operating method can be found from the manuals in the CD.



## Pre-installation Tasks

Prepare the following information.

1. **Network parameters** : IP address, Subnet Mask, Gateway
2. **MAC Address and Serial number of the product** : MAC Address and Serial Number are printed on the labels on the product and packing box.
3. **PC for network connection**



### Note

In case of using **dynamic IP**, network parameters are assigned by **DHCP server**. If the network of your product has access from the internet, you may register your product on the **DDNS server** (<http://www.net-video.net>) for convenient connection. By registering the product to the DDNS, the product can be identified by a unique host name that can replace IP address in the connection. For further information, please refer to **FAQ** or **DDNS manual**.

If you want internet access to your product connected over private IP network, it is needed to set port forwarding (or port mapping) on the IP sharing device that bridges the private network and the internet. Ask your network administrator for more details.

## Product Installation

1. Install the product on the site.
2. Apply **power and connect LAN cable** to the product. Make sure that the **LED is ON**.
3. Connect speaker or microphone if they are needed.

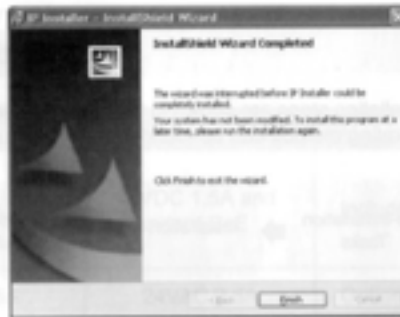
If your product has PoE built-in, and your Ethernet switch support standard PoE, you don't need to use additional power adaptor.

## Install the IP installer

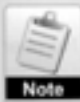
1. Insert the CD provided with the product into the PC.
2. Go to **IP installer folder in CD > 2. Application Software & Manual > 1. IP installer** and then install the IP installer.



WinPcap



IP Installer

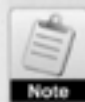


**Note**

IP installer Ver. 3.0.1 or later is needed in the configuration of iCanView3xx and iCanServer6xx.

## Network configuration

1. Run **IP installer** > **Select network adaptor** > **Click on OK**
2. Click on **1** > **Double-Click on the product** **2** > **Assign system name** : **4** > **Select Net mode** : **5** > **Fill the parameters in** **6** > **Click on Set button** to save. **9**



**Note**

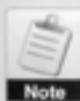
You can sort product list by clicking on the bar, **3**.  
Please refer to IP installer user's manual for more details of the IP installer.  
The network modes available are **Static**, **ADSL** and **Auto**.  
If Automatic is selected, it is not needed to set parameters in **6**.  
If you select ADSL Automatic, fill the parameters in **8**.  
Ask your ISP for the information.

If you want DDNS service do the followings:  
designate a DDNS server in **7**.  
([mgmt.net-video.net](http://mgmt.net-video.net) is an available DDNS server) > check at the box in **7**  
> register the product to the **DDNS**  
(Go to <http://www.net-video.net>,  
when [mgmt.net-video.net](http://mgmt.net-video.net) is used, for registration).

## Connection to the product

Video connection to the products can be made through Internet Explorer. Active-X control needs to be installed on the PC for the connection. The best way of installing the Active-X is to install INVR on the CD.

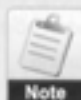
1. Install INVR on the PC.
2. Open Internet Explorer.
3. Enter **http://[product IP address:http port]** in the URL field to start connection  
e.g. : **http://172.16.3.105:80/**
4. Web viewer will be displayed to show the video on the PC.



On the right side of the Web viewer, there is a control panel. The shape and function of the web viewer is different for each product. Refer to the manual of the product for details.

**Note**

## FAQ



Refer to the FAQ in case of trouble.

### Network connection test : Ping

Connection status can be checked through Ping test.

- In Microsoft Windows : Start > Run > cmd, Enter > type ping [IP Address] Enter.

e.g. : ping 172.16.42.51

- If "Reply from~" messages are shown, (case ①), network is fine, then try connection to the product by web browser or refer to other FAQ

- If "Request timed out" messages are shown (case ②), there is a problem in the network. Check the network cable and IP configuration.

①

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 5.1.2600]
(C) Copyright 1995-2000 Microsoft Corp.

C:\Documents and Settings\Nogerman>ping 172.16.42.51

Pinging 172.16.42.51 with 32 bytes of data:

Reply from 172.16.42.51: bytes=32 time=1ms TTL=64
Reply from 172.16.42.51: bytes=32 time=1ms TTL=64
Reply from 172.16.42.51: bytes=32 time=1ms TTL=64
Reply from 172.16.42.51: bytes=32 time=1ms TTL=64

Ping statistics for 172.16.42.51:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milliseconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Documents and Settings\Nogerman>
```

②

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 5.1.2600]
(C) Copyright 1995-2000 Microsoft Corp.

C:\Documents and Settings\Nogerman>ping 172.16.42.51

Pinging 172.16.42.51 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 172.16.42.51:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss)

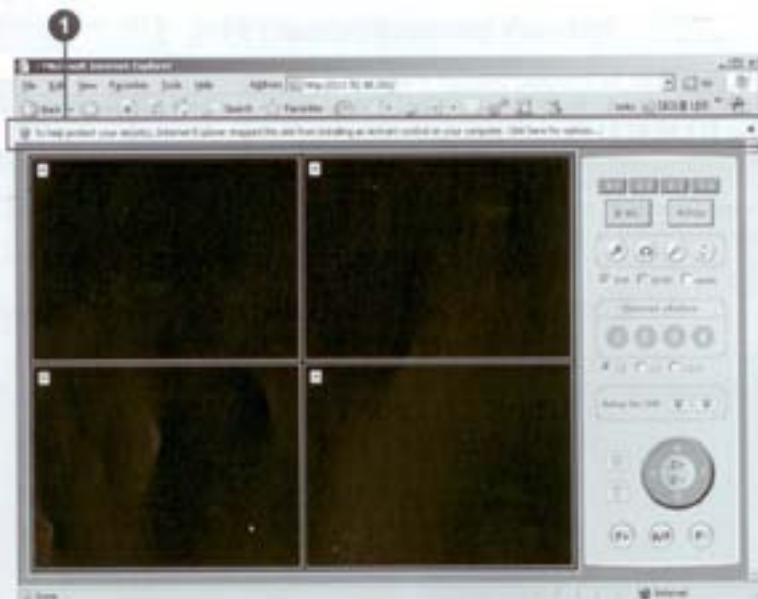
C:\Documents and Settings\Nogerman>
```

## Can not see the video streaming?

**Active-X** control should be installed on your PC. The Active-X can be installed by installing the iNVR on the CD or can be downloaded from the internet.

If your PC has Windows XP Service Pack 2 or later, Internet Explorer can block installing ActiveX control.

When you see message as ① in the figure, Click pop-up bar to continue with the installation.



**Note**

### **Are you using Windows Vista?**

In case of firmware Ver. below 2.2.0, Security option of Windows Vista may protect the installation of Active-X.

To solve this problem you need to allow download unsigned active controls.

Do the followings in the Internet Explorer.

**Tool > Internet Options > Security > Custom level > select Prompt of Download unsigned ActiveX controls.**

## Cannot connect from outside (internet)

Check whether there is IP sharing device or firewall between the private network and the outside network. If there is a IP sharing device, you must set **Port forwarding** or **port mapping**.

e.g.> Linksys WRT54GC model

1. **Administration mode log-in(192.168.1.1)** > select **Application&Gaming**  
> select **Port Range Forwarding** > typing **Name**, allow **IP ADDRESS** and **port No.**  
> select **Enable box** > click **Change button** for save> **reboot IP sharing device.**
2. After rebooting, open the Internet Explorer and type in **http://IP ADDRESS:port NO.**



**Note**

The procedure of port forwarding or port mapping is different for each product. Ask your network administrator or refer to the manual for IP sharing device. Ports 80 and 554 are assigned as web port and RTSP port, respectively, by default.

You can change the ports by using IP installer.

## Are you using dynamic IP?

If you want to connect to your product through Internet, you have to register the product to DDNS (Dynamic Domain Name Server). Follow the procedure below for the registration.

1. Run **IP installer** > select **network adaptor** > click **Refresh**  
> **Double-Click the product** on the list > select **Net. Mode**  
> typing **User Name** and **Password** if needed > check to use **Management Server**  
> type **mgmt.net-video.net** > click **Set** for save.
2. Open **Internet Explorer** > type in **http://www.net-video.net/** in address bar > **Enter.**
3. Click **Member Join** > type **the form** > click **OK** > click **Home.**
4. In initial page **Registration** > input **MAC Address** > input **Registration No.**  
> input hostname **Name** > click **check** > check **pop-up message** > click **OK** > click **Home.**
5. **Reboot the product** > connect to the through **http://Hostname.net-video.net/**  
> video connection

## Technical Assistance

Should you require any technical assistance, please contact your dealer.



**Note**

For immediate service, please provide following information.

1. Product model name
2. Serial number & Mac address
3. Purchase date
4. Description of the problem
5. Error message

**ICANTEK CO. LTD.**  
**One Year Limited Warranty**  
**Warranty Information**

Thank you for purchasing an ICANTEK Digital Video Security product. If you purchased or leased your product directly from your service provider, please contact your service provider or its authorized representative to determine if your provider provides the warranty service for this product.

**Conditions Of Sale**

1. Customer Obligations:
  - a. CUSTOMER assumes full responsibility that the product purchased and any copies of software included with it or licensed separately, meet the specifications, capacity, versatility and other requirements of the customer.
  - b. CUSTOMER assumes full responsibility for the installation and effectiveness of the operating environment in which the product and software are to function.
  
2. Limited Warranties And Conditions Of Sale:
  - a. Manufacturer warrants that this product is free from all defects in materials and workmanship for one year from the date of purchase from an authorized dealer.
  - b. Except as provided herein no employee, agent, franchise, dealer or other person is authorized to give any warranties of any nature on behalf of manufacturer.
  - c. If the product is sent by mail or freight, the purchaser agrees to pay shipping charges, insure the product or assume the risk of loss or damage that may occur in transit, and to use a shipping container equivalent to the original packaging.
  - d. Once a product is returned, the manufacturer will at its option, repair or replace the defective product or components, to whatever extent it deems necessary to restore the product or component to proper operating condition.
  - e. Manufacturer shall not be liable for any damages caused by delay in delivering or furnishing equipment and/or software.
  
3. Limitation Of Liability:
  - a. THE CUSTOMER SHALL BE SOLELY RESPONSIBLE FOR THE FAILURE OF THIS PRODUCT OR COMPONENT THEREON, RESULTING FROM ACCIDENT, ABUSE, OR MISAPPLICATION OF THE PRODUCT, AND MANUFACTURER ASSUMES NO LIABILITY AS A CONSEQUENCE OF SUCH EVENTS UNDER THE TERMS OF THIS WARRANTY.
  - b. WHILE MANUFACTURER HAS MADE EVERY EFFORT TO PROVIDE CLEAR AND ACCURATE TECHNICAL INFORMATION ABOUT THE APPLICATION OF ITS PRODUCTS, MANUFACTURER ASSUMES NO LIABILITY FOR ANY EVENTS ARISING OUT OF THE USE OF THE TECHNICAL INFORMATION.
  - c. ANY AND ALL IMPLIED WARRANTIES OF MERCHANT ABILITY AND FITNESS FOR A PARTICULAR USE, SHALL HAVE NO GREATER DURATION THAN THE PERIOD FOR THE EXPRESSED WRITTEN WARRANTY APPLICABLE TO THIS PRODUCT AS SHOWN ABOVE, AND SHALL TERMINATE AUTOMATICALLY AT THE EXPIRATION OF SUCH PERIOD.
  - d. NO ACTION SHALL BE BROUGHT FOR BREACH OF ANY IMPLIED OR EXPRESSED WARRANTY AFTER 30 DAYS SUBSEQUENT TO THE EXPIRATION OF THE PERIOD OF THE EXPRESSED WRITTEN WARRANTY.
  - e. INCIDENTAL AND CONSEQUENTIAL DAMAGES CAUSED BY MALFUNCTION, DEFECT OR OTHERWISE AND WITH RESPECT TO BREACH OF ANY EXPRESSED OR IMPLIED WARRANTY ARE NOT THE RESPONSIBILITY OF MANUFACTURER, AND TO THE EXTENT PERMITTED BY LAW ARE HEREBY EXCLUDED BOTH FOR PROPERTY AND TO THE EXTENT NOT UNCONSCIONABLE, FOR PERSONAL INJURY DAMAGE.
  - f. IN ANY EVENT, MANUFACTURER LIABILITY SHALL NOT EXCEED THE WHOLESALE PRICE OF THE PRODUCT.
  - g. THIS WARRANTY APPLIES ONLY TO THIS PRODUCT.