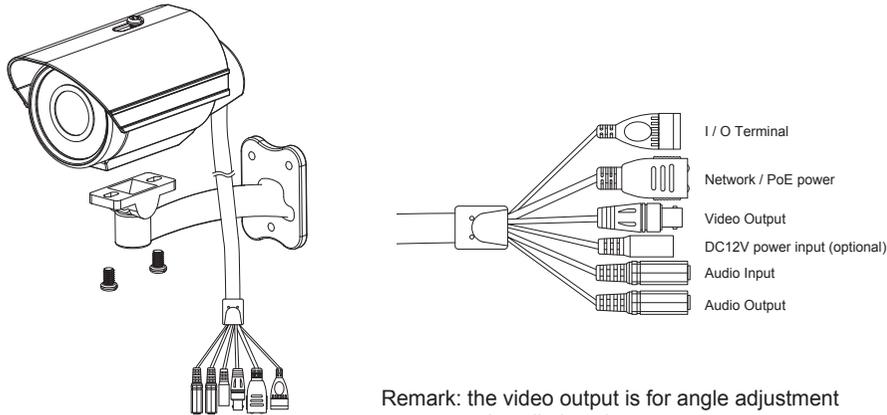
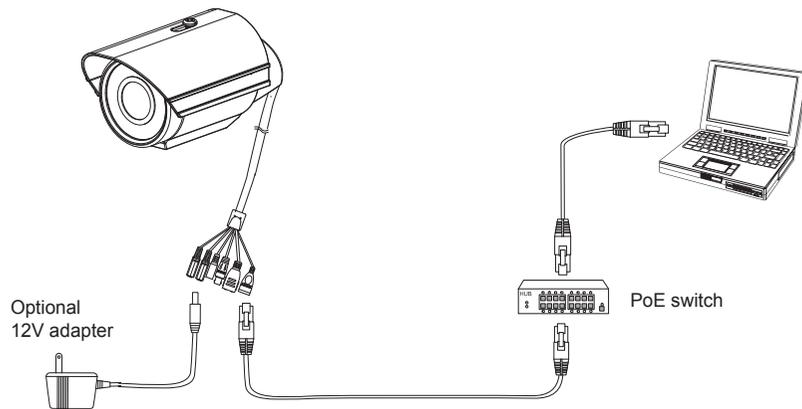


Hardware Connection

★ GVP221 – Physical Overview



★ GVP221 – Physical Network Connection



- Make both camera and PC connected to a local network through the RJ45 port. This camera supports PoE thus it can be powered by a PoE switch. If there is no PoE switch available then an 12V adapter will be needed to feed into the camera's power jack.
- The LED status light should come up if the camera is properly powered.

Software Installation

The following software is available in the CD which the user should find it useful when using GPV-221 and the other Granvista Plus series of network cameras.

IP Installer

The IP Installer is used to locate and configure network cameras in the LAN. This utility is useful for conveniently configuring the network settings of the device, or for finding a device once the network settings have been modified. To install the IP Installer software, simply click its "setup" program from the respective IP Installer folder in the CD, and then complete the whole installation process.

K-Lite Codec Pack

K-Lite Codec tool is able to encode and/or decode audio and video data. The K-Lite Codec is designed as a user-friendly solution for playing almost all of your movie files downloaded from web.

VLC

It is a good software, but not necessarily required, this VLC can be used for streaming without a web browser. VLC uses RTSP protocol which is different from HTTP protocol. The user may configure the path for video/audio streaming accordingly.

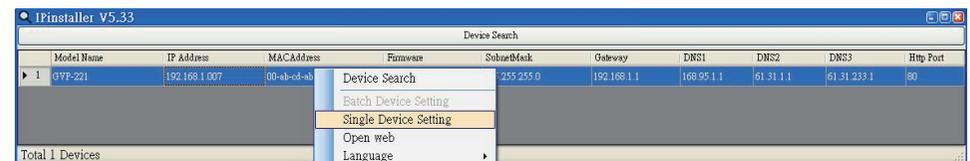
Network Configuration

★ Using IP Installer to assign IP address

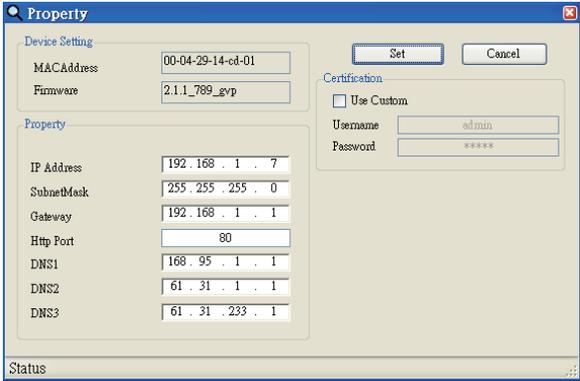
- Simply click its upper "Device Search" tool bar to search the device inside the LAN.
- The firewalls of your Windows or Anti-virus software might block IP Installer from searching the cameras. In this case you would need to unblock IP Installer software from the firewalls, or to manually make this IP Installer software an exception to the firewalls.



- Select the device with the MAC Address corresponds to the camera that is to be configured.
- Set the camera newly found, right-click it, and then choose the "Single Device Setting" from the slide-bar manual.



e. After filling in the properties, click [Set] button to complete the configuration settings. Please note that the Subnet Mask and Gateway settings must be same as the PC's network settings, and the first three digits of the network camera's IP address must be the same as the PC's IP address.



* Username and password are required. (Default are "admin" and "admin")

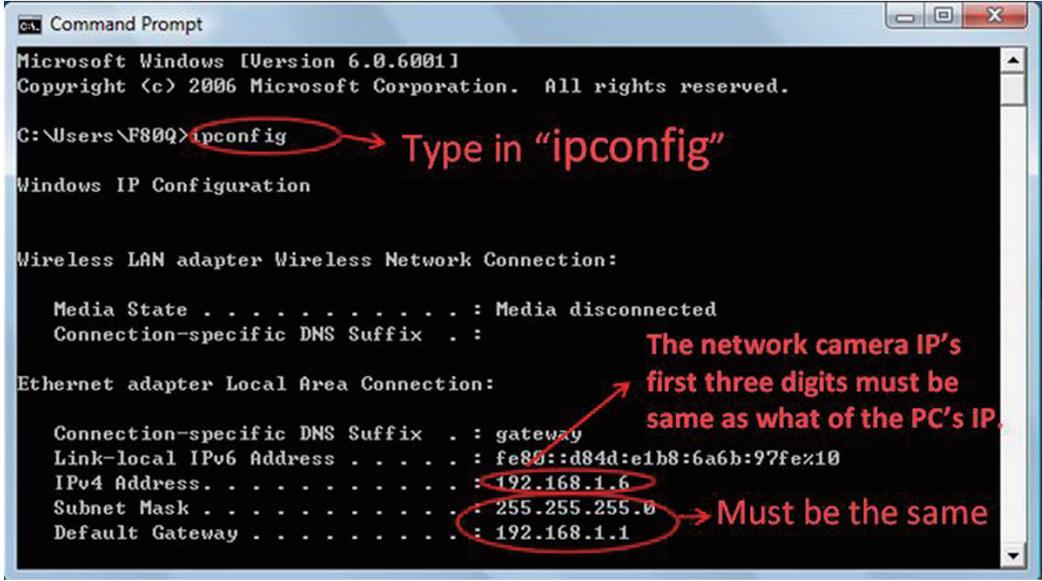
b. For first-time user, there will be a prompt to install the ActiveX control to the web browser. Confirm the installation as it is required to view the video stream and some operations.



c. Verify and complete the installation from your browser. If not able to get the ActiveX downloaded properly, user must temporarily lower the security settings to perform a one-time-only installation of the ActiveX component onto the PC, as described below :

- From the Tools menu, select [Internet Options] -> [Security] -> [Custom Level].
- Set the security level to Low and click [OK].
- Depends on different versions of browser software used, the user may have to set the individual ActiveX settings from "Disable" to "Prompt" or "Enable" if necessary for completing the ActiveX program download.
- Restore the security level after the ActiveX installation.

d. If the device has been configured correctly, the default web browser will open to the home page of the selected device.



Open the Web-based User-Interface Program

a. To access the web-based user-interface program such as the Microsoft Internet Explorer, right-click for the slide-bar manual, and then choose the "Open web" function to open the program.

