IP CCD D/N PoE Box Camera

ACM-5811 series

Ver. 120312

Quick Installation Guide

www.acti.com

1 Getting Started

1.1 PACKAGE CONTENTS

ACM-5811

Product CD

Terminal Blocks for Power & DI/O

Warranty Card

Accessory

1.2 PHYSICAL DESCRIPTION

1. **DC Iris**
   DC Iris Lens Control Port

2. **Analog Video Output**
   The IP CCD D/N PoE Box Camera supports one channel analog video output.

3. **Ethernet Port**
   The IP CCD D/N PoE Box Camera connects to the Ethernet via a standard RJ45 connector. This camera can automatically detect the best network speed when connected to other auto-negotiation(NWAY) supported devices. (10Base-T/100Base-TX Ethernet).

4. **Reset Button**
   Step 1: Switch off IP device by disconnecting the power cable

Step 2: Press and continue to hold the Reset Button with a pointed object. Reconnect the power cable while still holding the reset button.

Step 3: Keep the reset button depressed for at least 6 seconds before releasing it. The unit will then start up with factory default settings.

5. The I/O Terminal Connector

Used in applications like motion detection, event triggering, time lapse recording, alarm notifications, etc., the I/O terminal connector provides the interface to:

•1 transistor output - For connecting external devices such as relays and LEDs. Connected devices can be activated by Output buttons on the Live View page or by an Event Type. The output will show as active (in Event Configuration > Port Status) if the alarm device is activated.

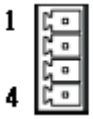
•1 digital input - An alarm input for connecting devices that can toggle between an open and closed circuit, for example: PIRs, door/window contacts, glass break detectors, etc. When a signal is received, the device state changes and the input becomes active (shown under Event Configuration > Port Status).

•Auxiliary power and GND

Pin 1	GND	Ground	Description
Pin 2	Auxiliary DC Power input (not to power this camera)	Electrically connected in parallel with the connector for the power supply, this pin provides an auxiliary connector for mains power to the unit. This pin can also be used to power auxiliary equipment, with a maximum current of 100mA.	Voltage: 12V DC, Max: 1.2W
Pin 3	Digital Input	Connect to GND to activate, or leave floating (or unconnected) to deactivate.	Must not be exposed to voltages greater than 30V DC.
Pin 4	Transistor Output	Uses an open-collector NPN transistor with the emitter connected to the GND pin. If used with an external relay, a diode must be connected in parallel with the load, for protection against	Max load = <100mA Max voltage = 24V DC (to the transistor)

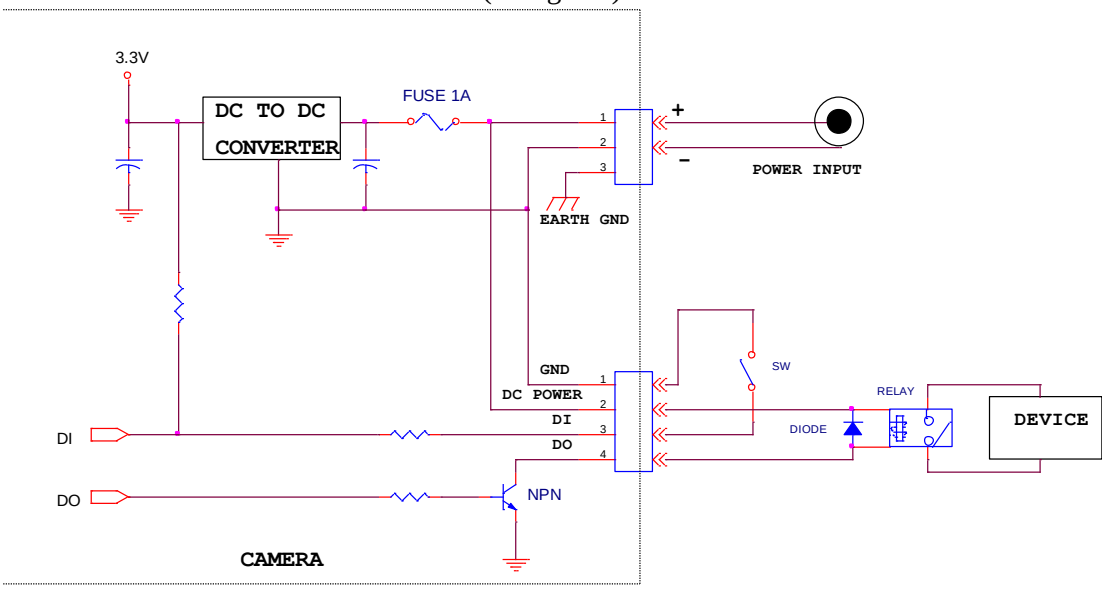
		transient voltages.	

The I/O terminal pins are numbered left to right, as shown below.



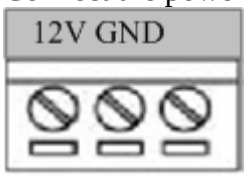
Connect input/output devices to the camera as follows:

1. Attach the cables for the device securely to the supplied green connector block.
2. Once the cables are connected, push the connector block into the terminal connector (also green) on the camera.



6. Power Input

Connect the power adaptor here if your power input is DC12V.

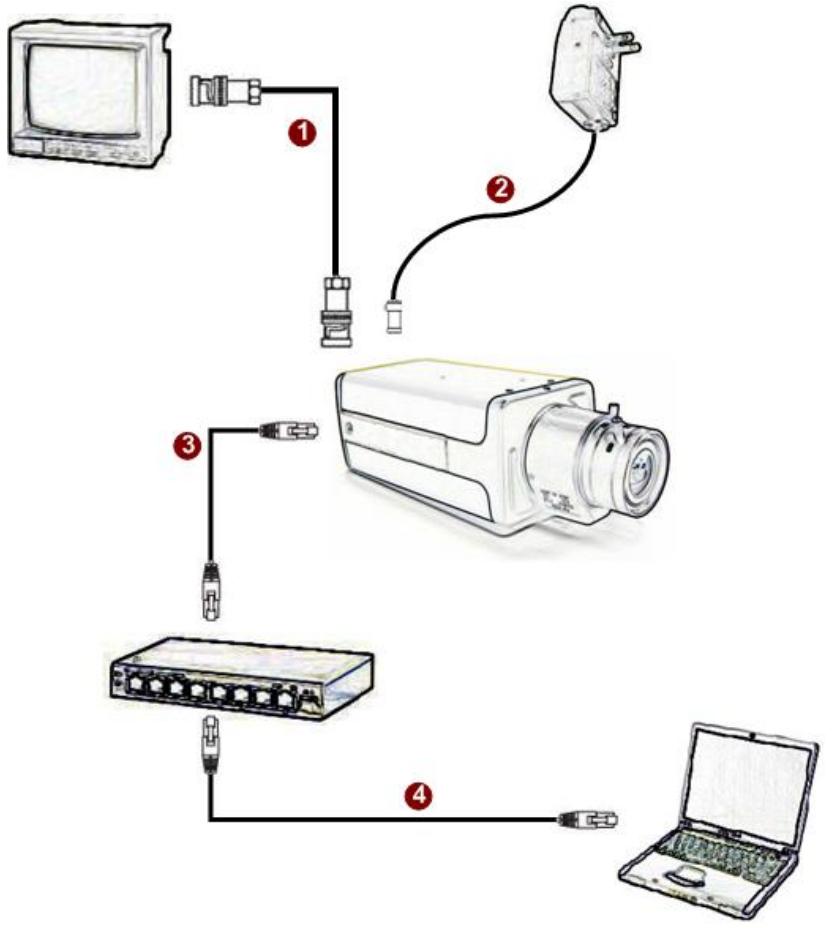


7. Audio Input / Output

The IP device supports audio input and output with earphone jack

1.3 BASIC CONNECTIONS

Follow the procedures below to connect the IP device to the respective apparatuses.



1. Connect an analog monitor to IP device video out (BNC Connector)

2. Connect the power adaptor to IP device

3. Connect IP CCD D/N PoE Box Camera's ethernet port to an Ethernet (RJ45 connectors). If your IP CCD D/N PoE Box Camera supports Power Over Ethernet (PoE), you may connect it directly to a PoE supported switch, a PoE injector connected to a switch or other Power Source Equipments(PSE)

4. Connect a PC to the Ethernet hub (RJ45 connectors)

NOTE: For more detailed explanations, we provide a support package that clarifies PoE related concepts for you. Please visit our web site and download the support document TS-00040.

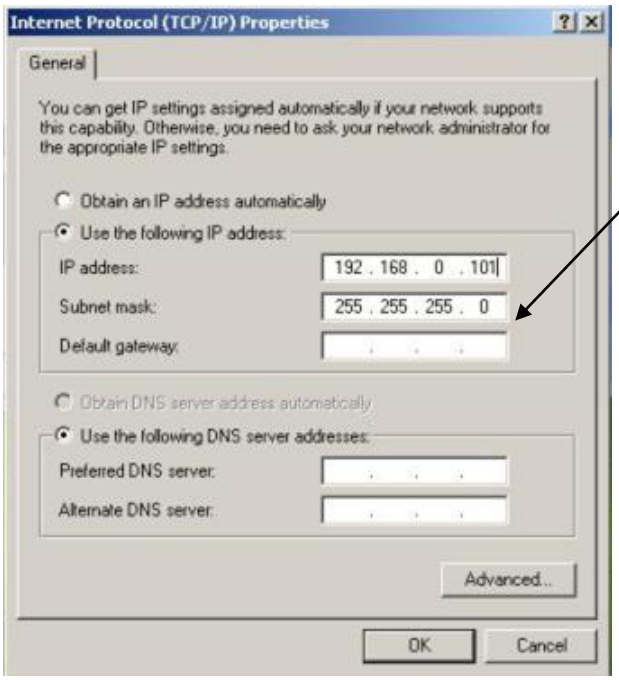
2 Quick Tour

This section guides you with a quick tour on this IP device.

2.1 Configure this IP Device

2.1.1 Make sure network environment

Default IP of this IP device is 192.168.0.100. Please make sure this IP device and your PC are on the same network segment before running the installation.

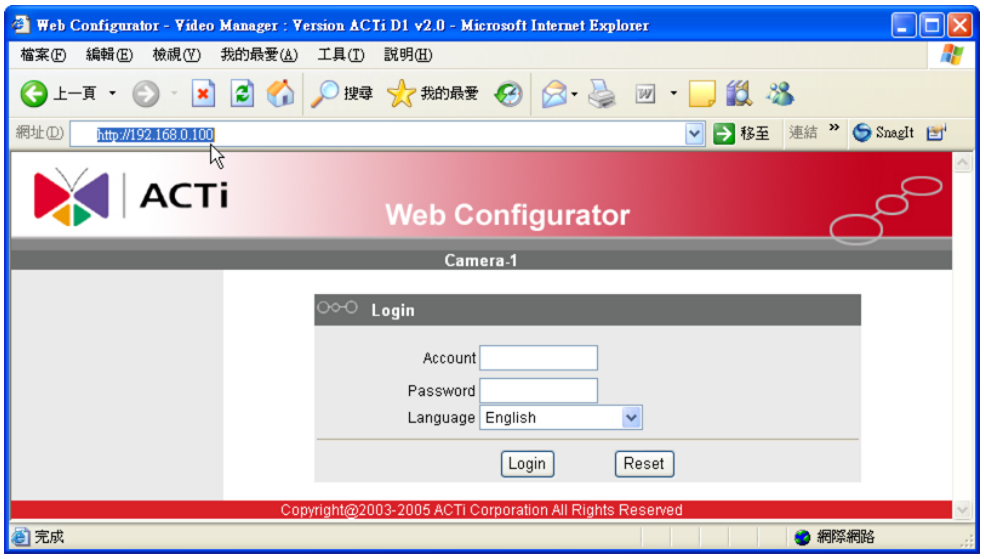


Please set the settings as below.

IP address: 192.168. 0.xxx
Subnet mask: 255.255.255. 0

(**NOTE**: xxx should be a number from 1 to 254 except 100, which is used by the IP device. Please also make sure that no two equipments use the same IP address in the same network..)

2.1.2 Open Internal Explorer with IP address



NOTE: Internet Explorer 6.0 or above is highly recommended. You may download it from
http://www.microsoft.com/windows/ie/downloads/default.mspx

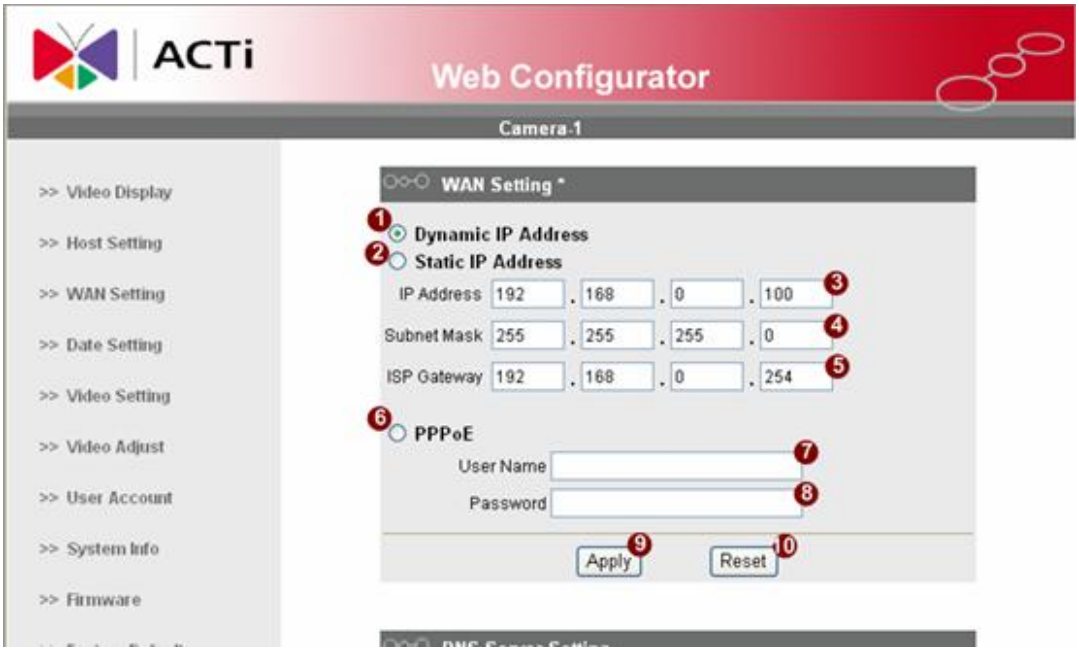
The default IP address for this device is 192.168.0.100

2.1.3 Login with default administrator's account & password

NOTE: Default administrator account is set to **Admin**, password is set to **123456**, and click Login button.

2.1.4 Preview the video

2.1.5 Set the new IP address



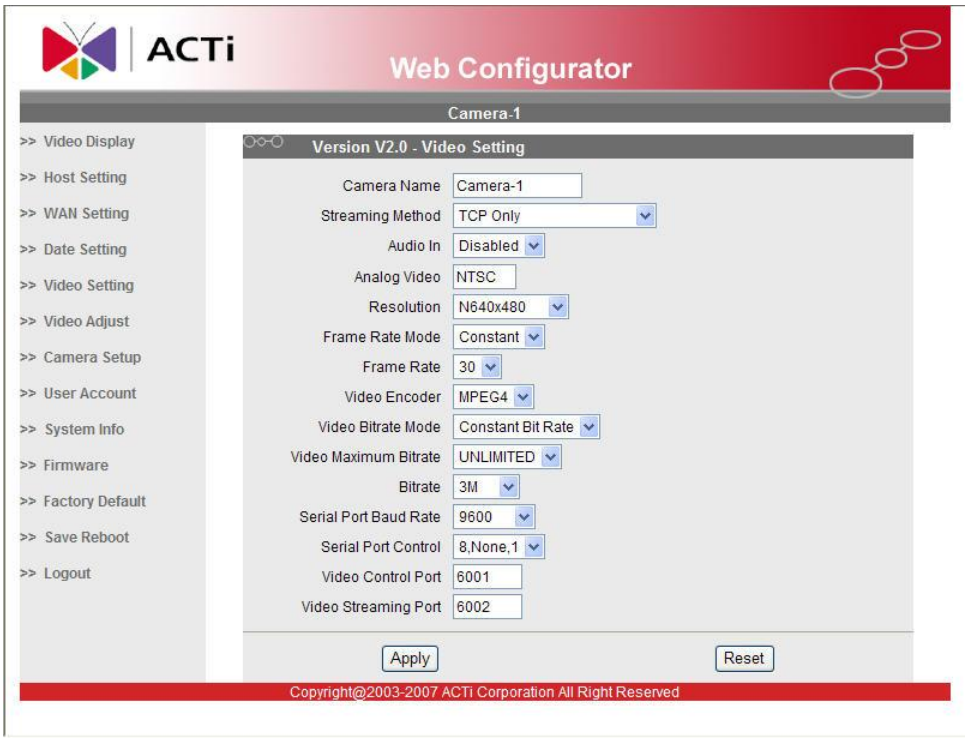
***IP Address :** The default IP address is 192.168.0.100.

***Subnet Mask :** The default subnet mask is 255.255.255.0

***Click**  button

	**NOTE:** In your Client PC, please make sure the setting of Network Connections Type is set to Auto Negotation to enable best network speed performance. Otherwise, you may be unable to see live video or suffer delays and skipped frames.
	**IMPORTANT:** Please record the new IP address immediately after you change it. If you forget the new IP address, you may need to download IPUtility from our website, or resetting the camera to factory default to connect to it.

2.1.6 Check Default Video Setting



NOTE: Please make sure the TV Input (NTSC / PAL) meets your requirement, and click Apply button.

2.1.7 Click **Save Reboot** to save all settings and please wait about 30 seconds for system reboot.