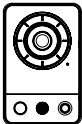


Quick User Guide



Via Don Arrigoni, 5 24020 Rovetta S. Lorenzo (Bergamo)
<http://www.comelitgroup.com> e-mail : export.department@comelit.it

Image	Model	Description	Package Component
	IPCAME791A	HD WIFI Cube camera 1/4"CMOS, HD Megapixel resolution, 2.6mm Fixed lens, illumination LED, PIR, Built-in MIC/Speaker, Wireless, 2DNR, BLC, Micro SD, Audio, 5VDC, ONVIF, Triple Streaming	1. Camera Unit 2. Installation CD 3. Installation Guide 4. Stand 5. Adaptor
	IPCAME794A	Full HD PT Mini Dome camera 1/2.8" COMS, Full HD 1080p, 3.7mm Fixed lens, 2DNR, BLC, Micro SD, PoE/DC 12V, Wifi, ONVIF, Triple Streaming	1. Camera Unit 2. Installation CD 3. Installation Guide 4. Accessory Kit 5. Template Sheet

● Contents in the installation CD

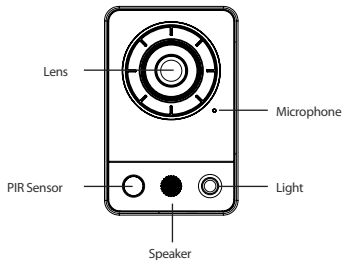
1. The User's Manual
2. The Smart Manager User's Manual
3. The Smart Manager Installation Software
4. The Comelit RAS Solution User's Manual
5. The Comelit RAS Solution Software

! Note: Check your package to make sure that you received the complete system, including all components shown above

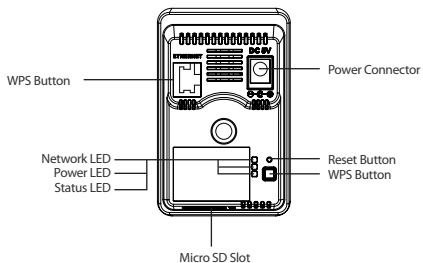
1. INSTALLATION

1-1. Hardware Overview of IPCAM791A

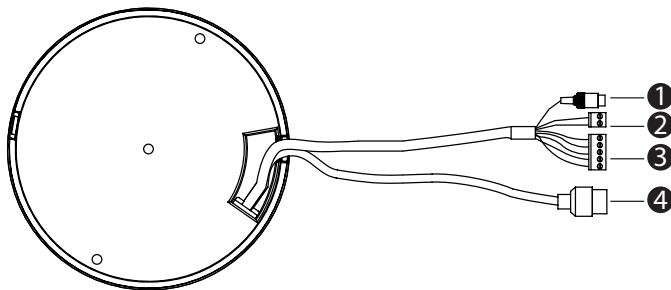
Front View



Rear View



1-2. Hardware Overview of IPCAM794A



No	Indication	Description
1	RCA Jack	Audio line output
2	Power Terminal	Main Power, 2pin terminal Red: DC12V/ White: GND
3	Alarm Cable	Blue: GND/ Gray: ALARM INPUT Brown: GND/ Yellow : ALARM OUT
4	Ethernet Cable	Cable for Ethernet (POE)

2 Connection

- **Connecting to the Network**

Connect a standard RJ-45 cable to the network port of the Camera. Generally a cross-over cable is used for directly connection to PC, while a direct cable is used for connection to a hub/switch.

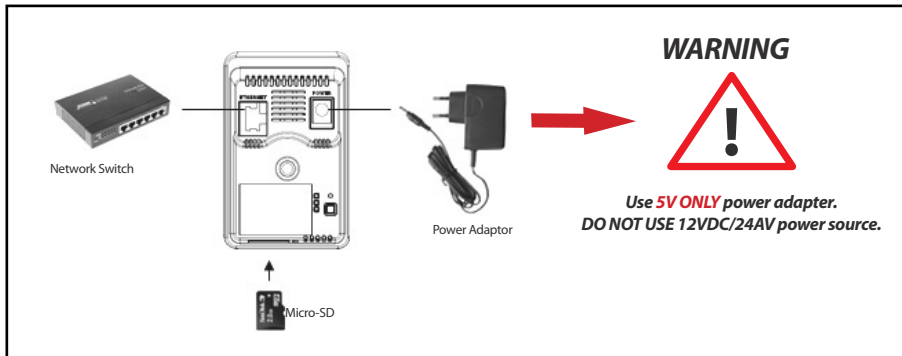
- **Micro SD memory slot**

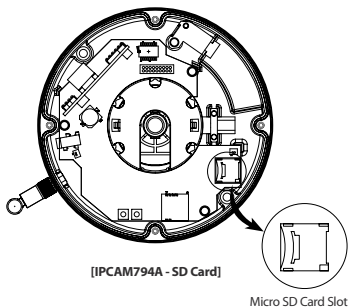
Insert the Micro SD memory card up to 32GB.

- **Connecting the Power**

IPCAM791A: Connect the supplied DC5V power adaptor.

IPCAM794A: Connect the DC 12V power adaptor.





IPCAM794A

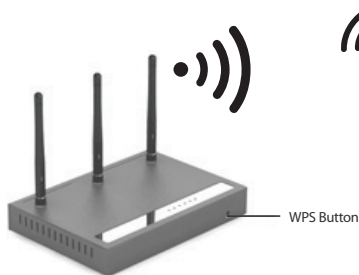


For network and Power cable, please refer to 2-2. Hardware Overview part in this manual.

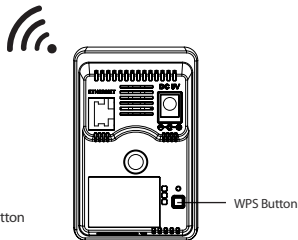
- **Connecting the Wireless using WPS button**

IPCAM791A, IPCAM794A supports the wireless function. Follow steps for a proper operation.

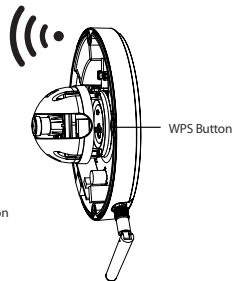
- (1) Make sure your AP (Access Point) and Operating System support WPS (Wi-Fi Protected Setup) functions. WPS enables easy setup with compatible APs.
- (2) Press the WPS button on the camera for more 2 seconds. You can then see the Status LED is blinking.
- (3) Press and hold down the WPS button on your AP (some router/AP) will have a virtual button on their management software instead). Refer to your AP's documentation for details using its WPS functions



Wireless AP



[IPC791A]



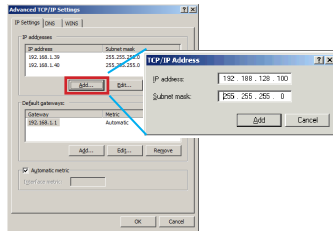
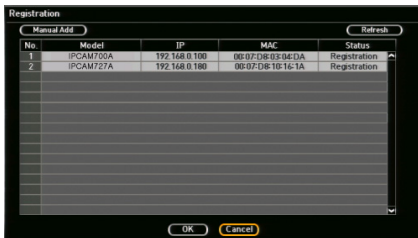
[IPC794A]

! Note:

1. WPS may not work if your AP is configured with a "hidden" SSID.
2. If any WPS-enabled AP is not detected, the camera will search APs for 60 seconds after pressing the WPS button, and if the camera still can not detect an AP after 1 minute, the wireless setup will be cancelled.
3. If a camera is assigned with a fixed IP outside the AP's network segment, wireless setup will fail.
4. A wired connection always has a higher priority, and hence wireless setup will not take effect when the RJ45 LAN port is connected.

3 Network Connection (Zero Configuration Networking)

IP cameras, NVR, and COMELIT RAS Solution support ZERO configuration. Installation is simple and convenient. No need any network setting. If there is no DHCP to assign the IP address, it will search the computer IP address or NVR which is running in the LAN. And then it will set the IP address automatically.



NVR (IPNVR704A, IPNVR708A, IPNVR746A)

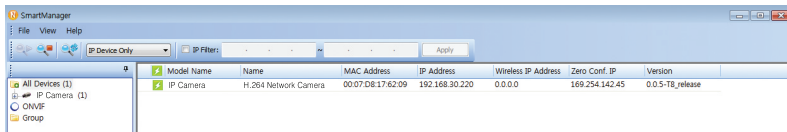
In the IP Camera Registration menu, a list of IP cameras will appear automatically without IP address setting.

COMELIT RAS Solution

Add IP address for ZERO Configuration network at Advanced TCP/IP Setting on your Computer.

IP address: 169.254.xx.x

Subnet mask: 255.255.0.0



Once it is configured, IP cameras in the LAN will be searched automatically by Smart Manager without IP address setting.

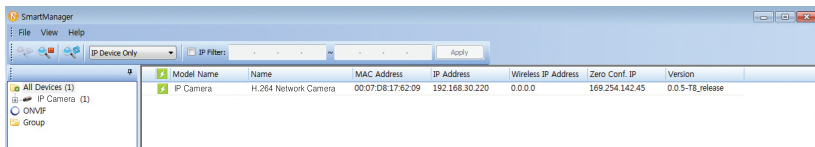
4 Network Connection (IP assignment)

When a camera is connected without Zero configuration function to the network it has no IP address. So, it is necessary to allocate an IP address to the device with the “Smart Manager” utility on the CD. (Default IP 192.168.30.220)

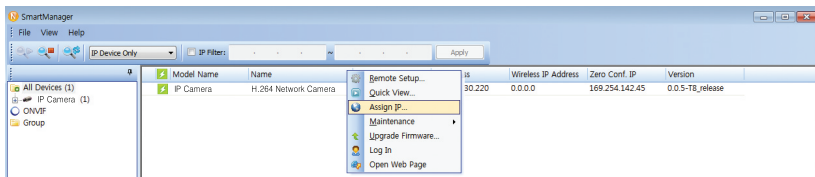
1. Connect the camera to the network and power up.

2. Start SmartManager utility

(Start>All programs>SmartManager>SmartManager), the main window will be displayed, after a short while any network devices connected to the network will be displayed in the list.



3. Select the camera on the list and click right button of the mouse. You can see the pop-up menu below.



4. Select Assign IP Address. The Assign IP window will display. Enter the required IP address.

Note: For more information, refer to the SmartManager User's Manual.

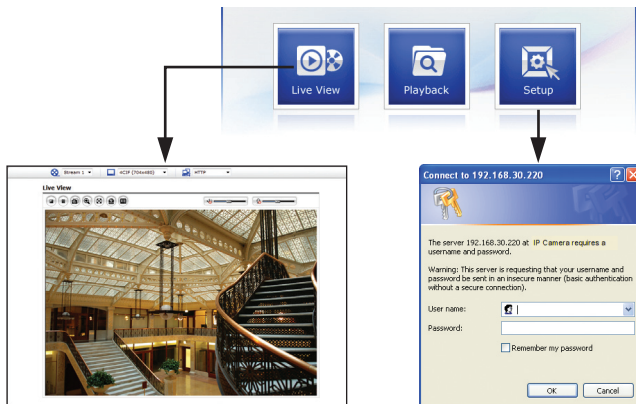
2. OPERATION

The network camera can be used with Windows® operating system and browsers.
The recommended browsers are Internet Explorer®, Safari®, Firefox®, Opera™ and Google® Chrome® with Windows.

ⓘ Note: To view streaming video in Microsoft Internet Explorer, set your browser to allow ActiveX controls.

1 How to Access from a browser

1. Start a browser.
2. Enter the IP address or host name of the network camera in the Location/Address field of your browser.
3. You can see a starting page. Click Live View or Playback or Setup to enter web page.

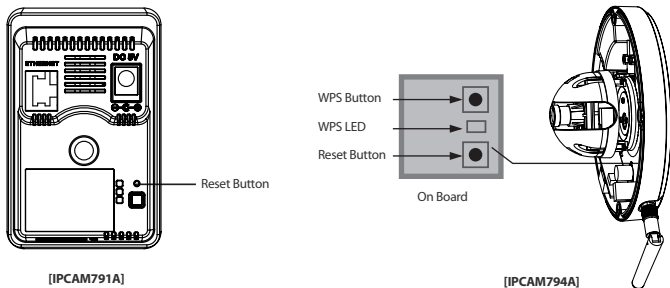


The network camera can be used with Windows® operating system and browsers.
The recommended browsers are Internet Explorer®, Safari®, Firefox®, Opera™ and Google® Chrome® with Windows.

2 Resetting to the factory default settings

To reset the Network Camera to the original factory settings, go to the Setup>System>Maintenance web page (described in User's Manual, "System > Maintenance") or use the Reset button on the network camera, as described below

1. Switch off the Network Camera by disconnecting the power adapter.
2. Press and hold the Reset button with a straightened paperclip while reconnecting the power.
3. Keep the Reset button pressed during about 2 seconds or more than.
4. Release the Reset button.
(IPCAM791A: wait for the Status LED to turn off.)
5. The network camera resets to factory defaults and restarts after completing the factory reset.



Caution: When performing a Factory Reset, you will lose any settings you have saved.
(Default IP 192.168.30.220)

3 More information

For more information, please see the Network Camera User's Manual, which is available on the CD included in this package.



Via Don Arrigoni, 5 24020 Rovetta S. Lorenzo (Bergamo)
<http://www.comelitgroup.com> e-mail : export.department@comelit.it