

LNC-DUALCAM Network/IP Camera

Quick Start Guide



Leopard Imaging Inc.
July, 2012.



Overview

LNC-DUALCAM is the Leopard Imaging IP Camera module with a high-resolution digital camera source. It incorporates two Aptina MT9M024 1/3-inch 1.2M CMOS digital image sensors, with an active imaging pixel array of 1280H x 960V which provides Synchronized Dual Streaming HD output. The LNC-DUALCAM Camera Module produces extraordinarily clear, sharp digital pictures, and it is capable of capturing both continuous video and single frame, which makes it the perfect choice for surveillance industry, machine vision industry.

The LNC-DUALCAM kit comes with on board demo which streams 1920x720 video (two 960x720 combined).

This document is a brief procedure regarding how to set up the LNC-DUALCAM dual-streaming demo.

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What's in the box:



LNC-DUALCAM Module with serial cable



12V 1A DC Power Adapter



Ethernet Crossover Cable

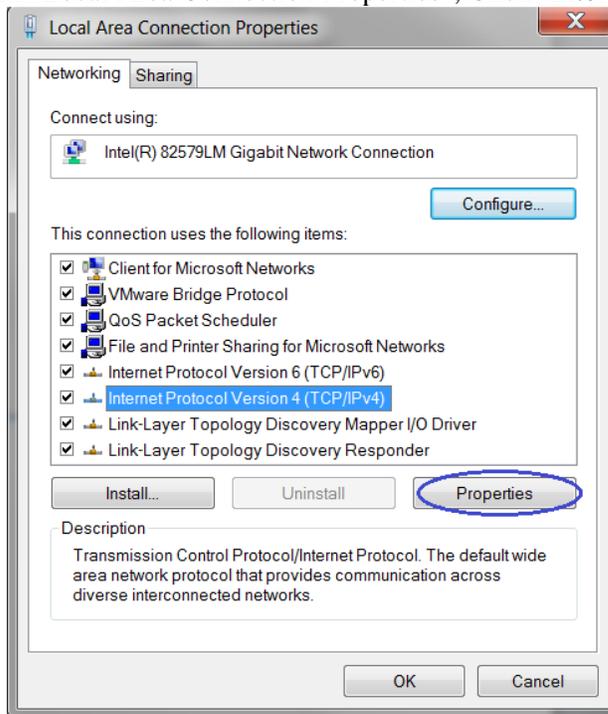
Instructions to run the demo

The LNC-DUALCAM comes with pre-loaded demo binary which streams live video via Ethernet using Internet Explorer. In order to set up the demo, please follow the procedure below.

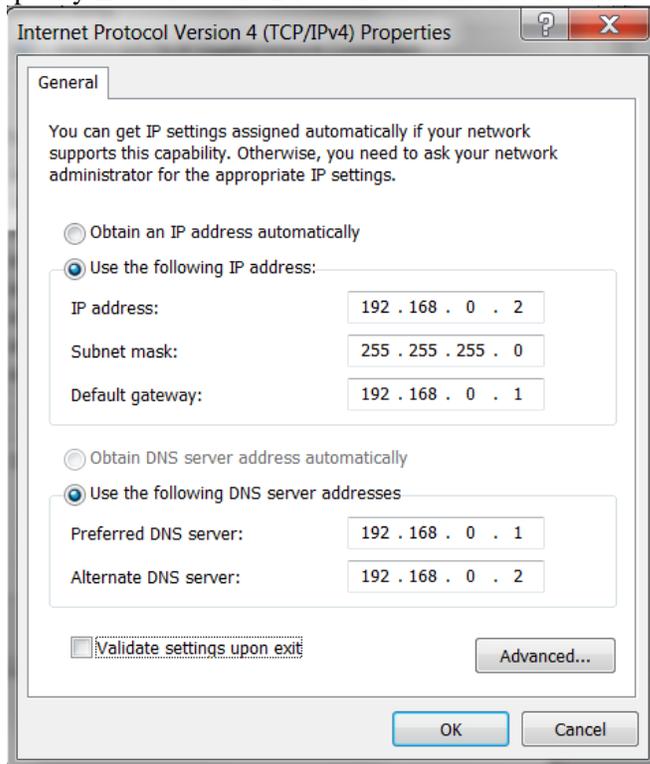
1. Ensure that ActiveX Controls are set – when attempting to access the web interface for the first time you will most likely need the correct ActiveX components. Follow the instructions to allow access:
<http://windows.microsoft.com/en-US/windows/help/genuine/ie-activex>
2. Connect the LNC-DUALCAM camera directly to the Computer with the Ethernet Crossover cable. (Note: some newer computers can use a standard Ethernet cable if the NIC has automatic cable switching).
3. Power on the LNC-DUALCAM with the provided 12V DC power adapter.
4. On Windows 7, go to Control Panel\Network and Sharing Center; Click “Local Area Connection” (the connection between LNC-DUALCAM and the computer) and then click “Properties”.
On Windows XP, go to Control Panel\Network and Internet\Network Connections. Right click on the corresponding Network adapter and then click “Properties”.



5. In “Local Area Connection Properties”, Click “Internet Protocol Version 4 (TCP/IPv4) → Properties.



6. Specify IP address and DNS server as in the screenshot below.

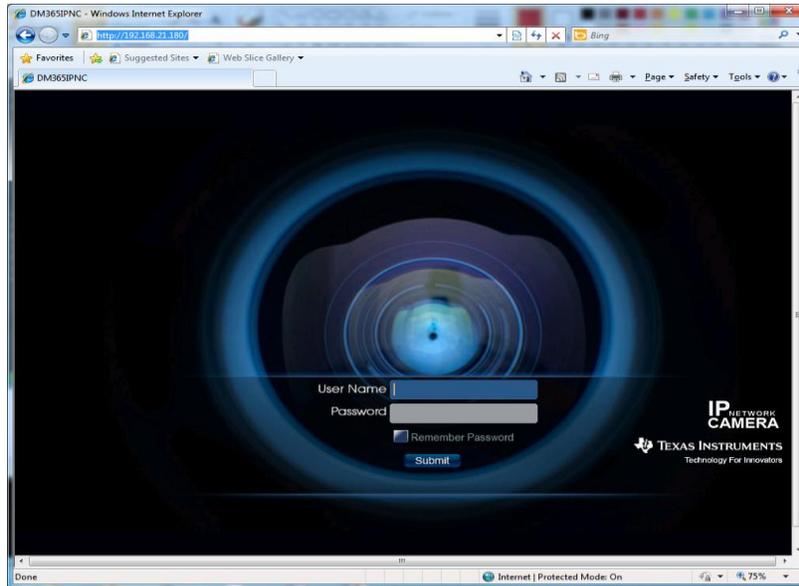


7. If needed, wait for the LNC-DUALCAM to boot up. (Note: The boot-up time for the LNC-DUALCAM is around 35 seconds from powering up and it may take several seconds for the network setting to take effect)



8. Open Internet Explorer

- Type in the LNC-DUALCAM's pre-defined IP Address (192.168.0.168).
- If needed adjust ActiveX security settings to allow download of control file and install add-on.
- Once ActiveX control is installed you will get the following screen.



9. Enter Username, Password and click Submit

- User Name: admin
- Password: 9999

10. Under Setting => Video. Choose "H264:1080P" as resolution and click OK. It may take around 10 seconds for the change to take place.

11. Go back to "Live Video" and you should see the Dual-streaming. The setup is complete.



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