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# TMS320DM36x Reference Design Kit Quick Start Guide

Welcome to the TMS320DM36x Reference Design Kit (RDK) Quick Start Guide. The guide is designed to help you through the initial setup of the RDK. This Quick Start Guide will enable you to get the kit running and experiencing the kit in less than 20 minutes. The RDK contains the following:

**Hardware**

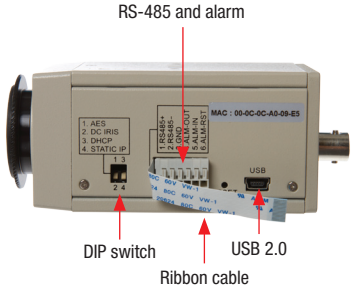
- IP camera enclosed with TMS320DM36x ARM® core inside, up to 486MHz
- Auto iris lens
- JTAG debug board

**Printed Document**

- TMS320DM36x RDK Quick Start Guide (this document)

**Miscellaneous**

- Adapter (12V / 1A)
- Ribbon cable
- RS-232 cable
- Audio cable
- U sharp stand
- Camera tripod
- Ethernet cable

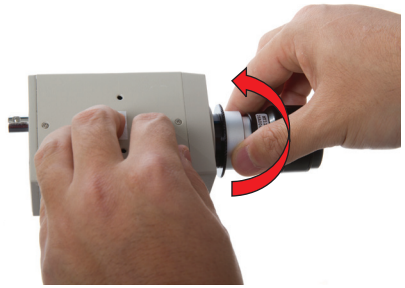




# Default setup

**1**

Take off the cap in front of the camera, and turn the lens clockwise into the CS mount on the camera to install the lens.



**2**

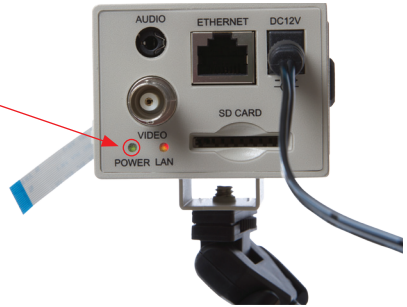
Fasten the U Sharp Stand onto the camera. With a screwdriver, twist the screws into bottom side of the camera.

## 3

Connect the tripod to the camera by twisting it into the U Sharp Stand which is already on the camera. Change the angle of the legs to achieve balance.

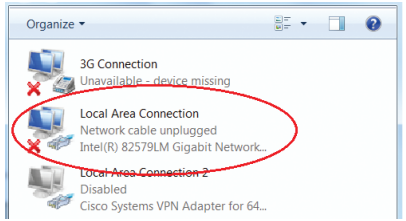
## 4

Connect the power adapter into the power jack (12V DC) on the back side of the camera and plug into an AC power source. You should see the power light turn green.



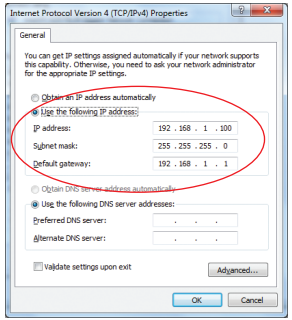

## 5

Make sure your wired link is enabled. For Windows® 7 users, from Start → Control Panel → Network and Sharing Center (or change Network Status and Tasks) → View Adapter Settings (in the navigation bar on the left side), find the Local Area Connection and right click, choose Enable if needed.



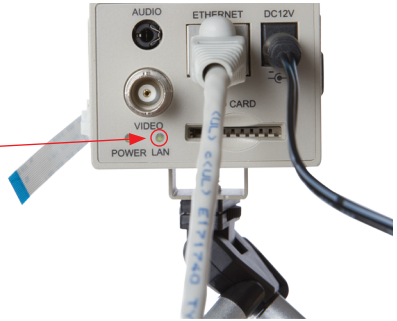

## 6

Right click the Local Area Connection, choose “Properties”. The “Local Area Connections Properties” window will pop up. Double click Internet Protocol Version 4 (TCP/IPv4) Properties to pop up a window as shown to the right. Configure your PC as shown.



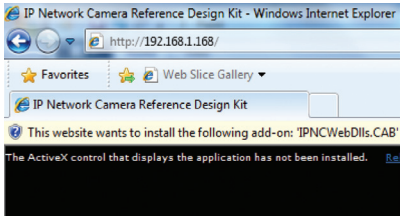
## 7

Connect the Ethernet cable to the RJ-45 jack on the back side of the camera and connect the other side of the cable to the Ethernet port on your PC. After turning the DIP switch to “3” (static IP), you should see the LAN light turn green.




## 8

Open Internet Explorer on your PC and type 192.168.1.168 into the address bar and push the enter button. You will be asked to install two add-ons the first time you go to this address. Click the request bar and click Run in the following pop-up window.




## 9

By now, you should be able to see the log-in page of the IP camera. The required information is as follows:

Username: admin
Password: 9999

Click Submit. Now you are very close to the end of the setup and you can explore the capability of the RDK as you want!

You can adjust different dials on the lens to get different images. For example, if you adjust the middle dial, you are actually opening or closing the lens to increase or decrease the light through the lens. Or you can adjust the dial furthest from the camera to change the focus.

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