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The NEW blog by Dick McJohnnson

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SATURDAY, JULY 23, 2011

Logitech Webcam Pro 9000 - running under Ubuntu 11.04 Linux

This is my Logitech Webcam Pro 9000:

As UVC-compliant it should be working under Ubuntu 11.04 right out of the box.

In a terminal *lsusb* is giving back:

Bus 002 Device 004: ID 046d:0809 Logitech, Inc. Webcam Pro 9000

You can also find the camera in the */dev/v4l* folder.

To see if the camera is working properly I am using guvcview.

Download and install the GTK+ UVC Viewer (guvcview) with:

sudo add-apt-repository ppa:pj-assis/ppa

sudo apt-get update

sudo apt-get install guvcview

This will install the packages *guvcview, libwebcam0, uvcdynctrl and uvcdynctrl-data* to
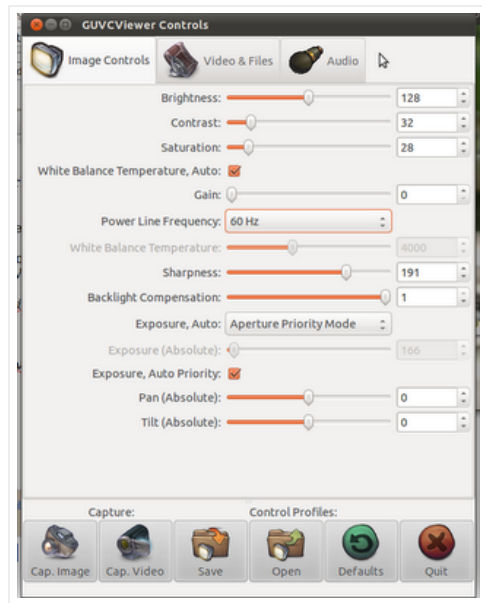
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your system.

Starting guvcview will show you that the camera is working, but not all controls are available:

For example AutoFocus and focus controls are missing. So there should be a way to use the built-in AutoFocus (with Carl Zeiss lens system!).

What we need is a valid configuration-file from the quickcamteam. The file is named logitech.xml.

Download the file in a terminal with:

wget http://svn.quickcamteam.net/svn/qct/webcam-tools/trunk/uvcdynctrl/data/046d/logitech.xml

install the configuration file with

sudo uvcdynctrl -i logitech.xml

Restart guvcview:

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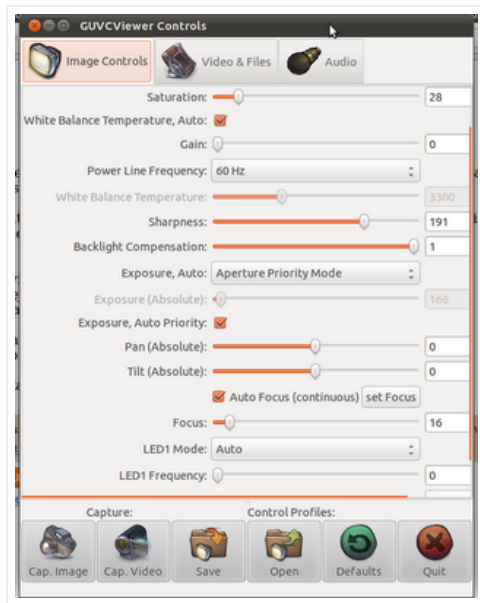
AutoFocus and focus adjustment is now fully operational.

If you need the camera controls in different program start guvcview --control_only from a terminal. I do not like the guvcview control panel you can either use V4L2UCP, which is available thru Ubuntu Software Center.

This should work with the older Logitech Quickcam Pro 9000 as well. Its hardware is quite similar.

ATTENTION: It appears that the Quickcamteam website is down at the moment and logitech.xml cannot be downloaded at the moment. Please look here to download the file, if you need it.

+1
Recommend

Labels: linux, ubuntu

5 comments:

Rolan3d November 12, 2011 10:22 PM

Hi
Thank you for posting how to get Logitech Webcam Pro 900 to work in Linux. First stage works perfectly, but I can't connect to the Quickcamteam website to download logitech.xml to complete - just endless timeouts. Any suggestions?

Reply

Hotte Head November 14, 2011 6:06 AM

Hey,
thanks for the how-to, really appreciating your help. But like Rolan3d said I cant connect to quickcamteam website at all whether I use browser or terminal, its not working. Can you make the logitech.xml available some other way? I bought the cam because of autofocus and I dont wanna miss it now.
Thank you very much!

Reply

Dick McJohnnson　　　November 14, 2011 1:39 PM

Quickcamteam's website seems to be down. Hope it well be back soon.

Reply

duff February 12, 2012 5:57 AM

This mostly worked for me under fedora 14, however I got numerous errors related to Tilt, LED1 and Pan when importing the xml file.

The AutoFocus however is enabled.

Did you experience any errors and if so how did you resolve them?

Thanks for the HowTo.

Reply

Replies

Dick McJohnnson   February 15, 2012 11:29 AM

Yes, there are some error messages. In my case this was because the uvcdynctrl is installed to any camera device in the system. I assumed the errors came from the built in webcam of my notebook. Everything is running fine on my Logitech 9000.

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