

Building OpenCV for See3CAM Custom Format

Here is the step by step procedure to build OpenCV with custom format support.

1. Download [OpenCV](#)
2. Download [e-con Modified OpenCV](#) library.

Note: This source code is modified for supporting Y16 & BY8 formats only.

3. Replace the existing files in the OpenCV source module directory with the new one.

I. *For Windows*

Replace the existing cap_dshow.cpp from **e-con_Modified_OpenCV/Windows/src**

- i. For OpenCV 2.x.x path: **OpenCV/sources/modules/highgui/src**
- ii. For OpenCV 3.x.x path: **OpenCV/sources/modules/videoio/src**

II. *For Linux*

Replace the existing cap_v4l.cpp from **e-con_Modified_OpenCV/Linux/src**

- i. For OpenCV 2.x.x path: **OpenCV/sources/modules/highgui/src**
- ii. For OpenCV 3.x.x path: **OpenCV/sources/modules/videoio/src**

4. Follow rest of the installation procedure from the OpenCV official guide.

- i. [Installation in Windows](#)
- ii. For Linux refer **BuildProcedure.txt** in **e-con_Modified_OpenCV/Linux/src**