**DirectShow based Video Encoding and Streaming with nanoStream**

http://www.nanocosmos.de

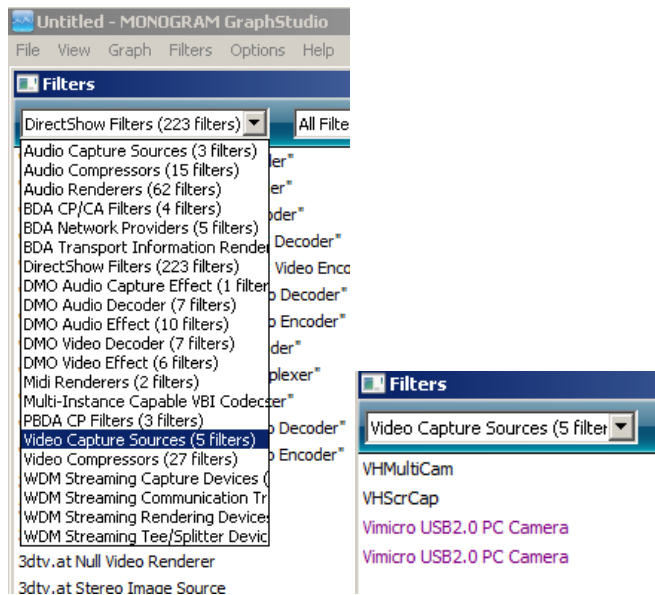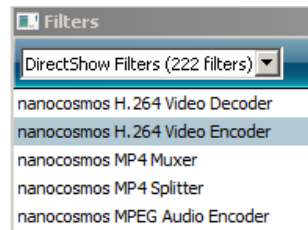**GraphStudio usage**

Principle:

Add Filters in video workflow:

1. Capture Filter
2. Encoder
3. Stream Sink

1. Select "Filters/Add"
    a. Select "Video Capture Sources"
    b. Select the device you need to use
    c. Double Click or Select "Insert"

2. Add Encoder

Filter/DirectShow Filter / nanocosmos H264 Video Encoder



3. Add Stream Sink

Filter/DirectShow Filter / nanocosmos RTMP Renderer

4. Configure Filters

Right-Click on Stream Sink, configure streaming URL

Right-Clock on Encoder, configure bit rate

Right-Click on Video Capture Filter "Capture" **Pin** and select video resolution
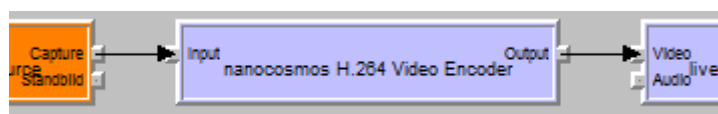


5. Connect filters

Drag the mouse from left "output pin" to right "input pin"

Connect Video Capture with Video Encoder

Connect Video Encoder with Stream Sink Input



6. Start Streaming

Click "Start Graph" 