User manual

（Onvif Filter）

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Declaration

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Chapter 1 Register filter

The setup packet will auto register the onvif filter.

Here's how to manually register the onvif filter.

1.1 Register

Run cmd.exe with administrator privileges, input the following command:

*cd **path***

regsvr32 OnvifFilter.dll

Path is your install path.

Open the install path, edit the configuration file OnvifFilter.xml, the context as following:

```
<?xml version="1.0" encoding="utf-8"?>
<config>
    <ip>192.168.3.250</ip>
    <port>8000</port>
    <user></user>
    <pass></pass>
    <profile_index>0</profile_index>
</config>
```

To specify your IP camera device IP address and **onvif protocol port**, the login user name and password.

Node **profile_index**, specify the current profile index if the device have multiple profiles, the index start from 0, the default value is 0.

Now, the onvif filter can work with directshow compatible applications such as amcap, graphedit, skype etc.

1.2 Register multiple instances

If you have multiple IP camera devices, then you can register multiple onvif filter instances.

Use UUID create tool to generate a unique UUID, such as:

d12020e9-b834-4778-884d-0e06ceccfcdd

Run cmd.exe with administrator privileges, input the following command:

*cd **path***

regsvr32 /n /i:"d12020e9-b834-4778-884d-0e06ceccfcdd" OnvifFilter.dll

Path is your install path.

Then on the filter installed path, create a configuration file, file name is **uuid**.xml, for example:

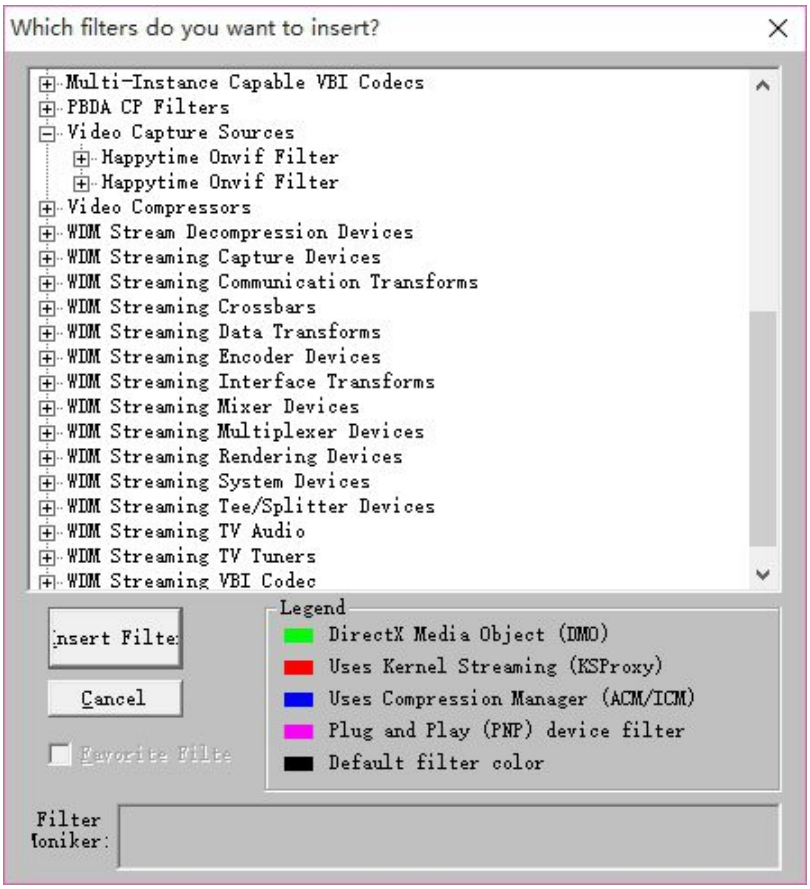
d12020e9-b834-4778-884d-0e06ceccfcdd.xml

The configuration file context is same with OnvifFilter.xml.

To specify your IP camera device IP address and **onvif protocol port**, the login user name and password.

Now, the onvif filter can work with directshow compatible applications such as amcap, graphedit, skype etc.

At last, you can see multiple instances in graphedit tool, as following:



1.3 Unregister

Run cmd.exe with administrator privileges, input the following command:

*cd **path***

regsvr32 /u OnvifFilter.dll

Or use the following command if you register the onvif filter wiht **/i** parameter

*cd **path***

regsvr32 /u /n /i"d12020e9-b834-4778-884d-0e06ceccfcdd" OnvifFilter.dll

Path is your install path.

Chapter 2 Configuration

The onvif filter need to configure the device IP, onvif protocol port, login user name and password information to work properly.

The configuration file on the installed path, file name is OnvifFilter.xml, the context as following:

```
<?xml version="1.0" encoding="utf-8"?>
<config>
    <ip>192.168.3.250</ip>
    <port>8000</port>
    <user></user>
    <pass></pass>
    <profile_index>1</profile_index>
</config>
```

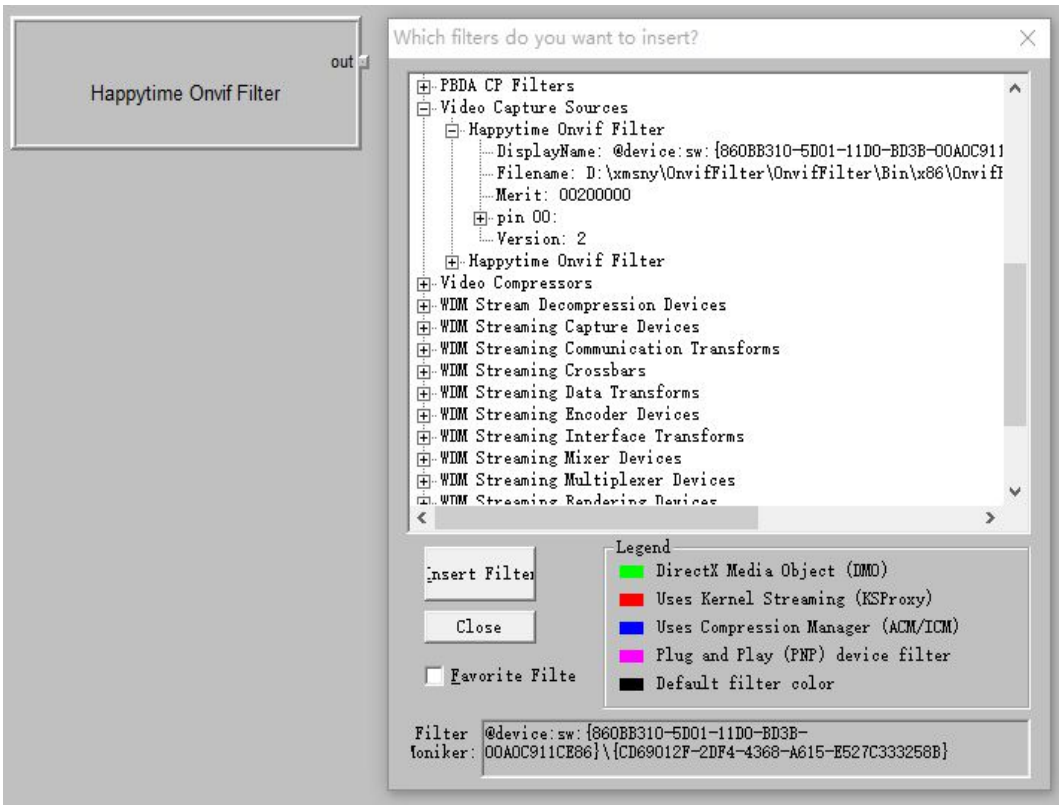
To specify your IP camera device IP address and **onvif protocol port**, the login user name and password.

Node **profile_index**, specify the current profile index if the device have multiple profiles, the index start from 0, the default value is 0.

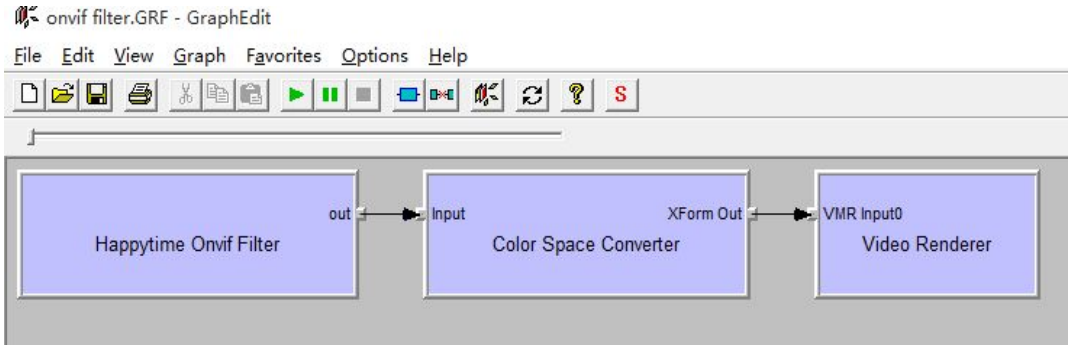
Chapter 3 Run and Test

3.1 Graphedit

Run graphedit, Insert OnvifFilter to graphedit, as following:



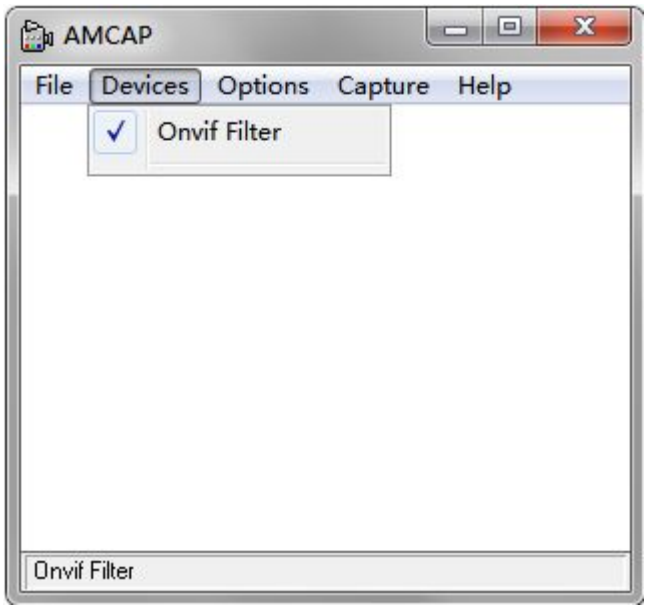
Render the output pin of the onvif fitler, as the following：



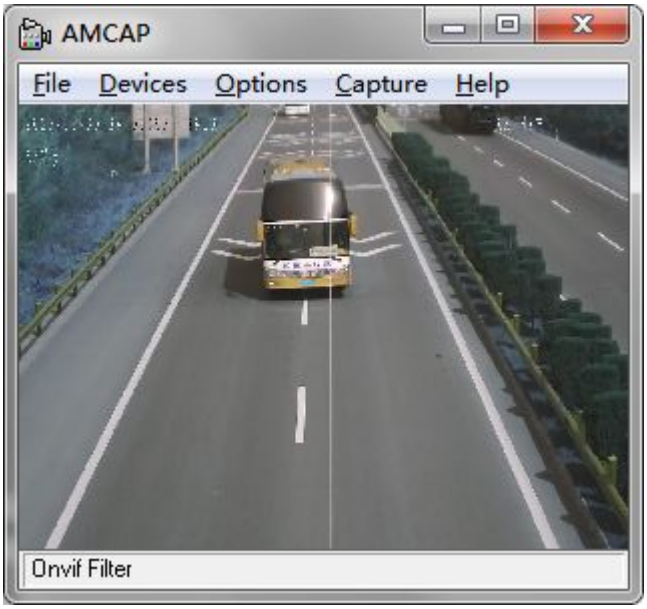
Click the ▶ button to see the video.

3.2 Amcap

Run amcap, as the following：

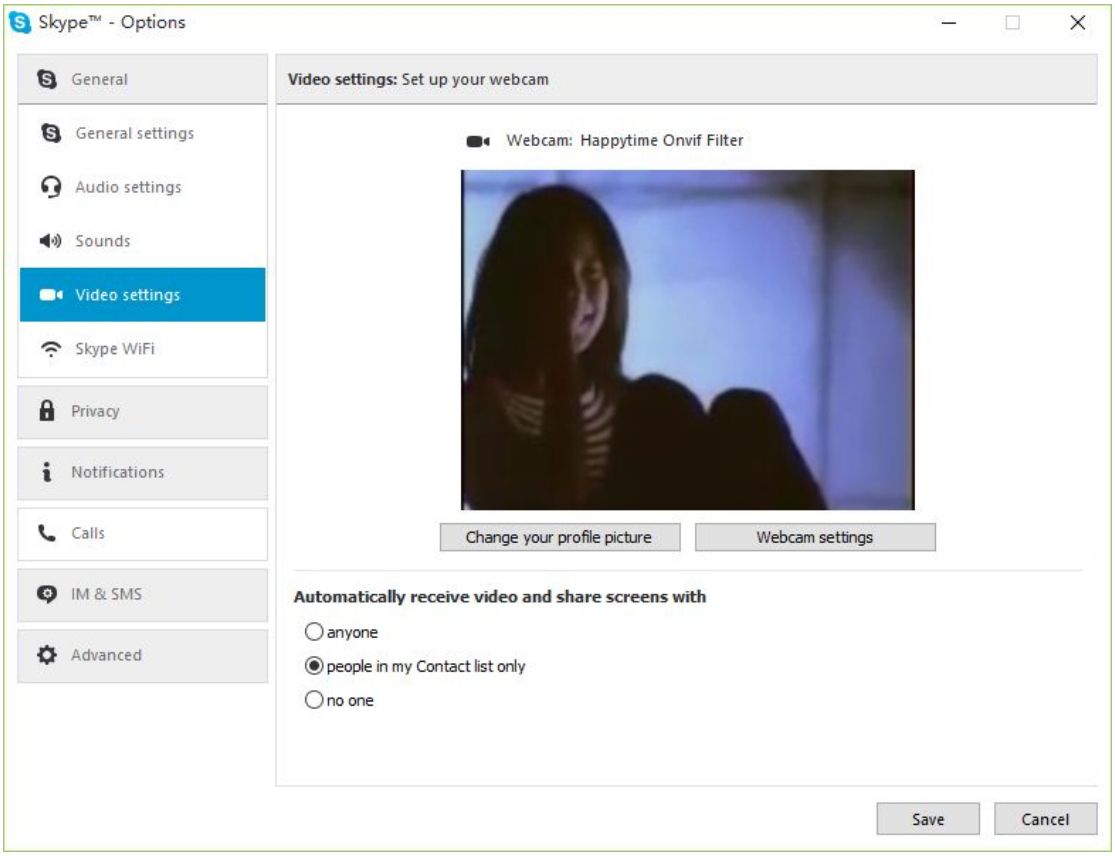


Select “Options->Preview” menu item, you can see the video, as shown below：



3.3 Skype

Run Skype, select “Tools->Options...” menu item, switch to video setting, as following:


Skype™ - Options
General
General settings
Audio settings
Sounds
Video settings
Skype WiFi
Privacy
Notifications
Calls
IM & SMS
Advanced
Video settings: Set up your webcam
Webcam: Happytime Onvif Filter
Change your profile picture
Webcam settings
Automatically receive video and share screens with
anyone
people in my Contact list only
no one
Save
Cancel