

## nanocosmos UDP/TS Filter

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Date: 2011-08-09



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## Introduction

DirectShow filters for UDP/TS Streaming

- Supported Architectures: Microsoft DirectShow, Windows XP, Vista, 7, Server
- Supported Formats: H.264 + AAC + MP3, MPEG-2

## Module Name / Version

nanoNetSource.ax    UDP Network Source  
nanoNetSink.ax     UDP Network Sink  
nanoTsWriter.ax    TS File Writer

## DirectShow Connectivity

The output pins are accepting connections matching the following media types:

Major types:

MEDIATYPE\_Video

Subtypes:

FourCCs: H264, h264, MPEG2

Formats:

FORMAT\_MPEG2\_VIDEO,  
FORMAT\_NONE

Major types:

AAC: MEDIATYPE\_Audio

MP3: MEDIATYPE\_Audio

Subtypes:

AAC: MEDIASUBTYPE\_AAC, FourCC: 0x000000FF,  
MP3: MEDIASUBTYPE\_MP3, FourCC: 0x00000055

Formats:

AAC, MP3:   FORMAT\_WaveFormatEx,

## Configuration through COM Interface

The streaming url can be set by using standard DirectShow interface IFileSourceFilter and IFileWriter.

### URL format

udp:// [ IP:port ]

Example:

udp://127.0.0.1:8888

## Debug-Log Configuration Registry Settings

Keys:

HKEY\_CURRENT\_USER\Software\DebugNano\ nanoNetSource.ax

HKEY\_CURRENT\_USER\Software\DebugNano\ nanoNetSink.ax

### File name

Sets the output file name. The folder must already exist.

Value name: LogToFile

Value type: REG\_SZ / String

Valid values: a valid output file name to enable file logging or an empty string

### Logging level

A higher value increases the amount of logging messages sent, and messages get more detailed.

Value name: TRACE

Value type: REG\_DWORD

Valid values:

0 – minimal logging

...

9 – maximal logging

### More Information / Support

For more information and support, please contact [info@nanocosmos.de](mailto:info@nanocosmos.de)

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