

nanoStream UDP-TS Live Streaming

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General Information

nanoStream 2.0 supports TS Live Streaming Modules for encoding and playback.

Requirements:

- nanoStream Live Video Encoder

DirectShow Usage

TS Encoder, based on H.264/AAC and UDP-TS

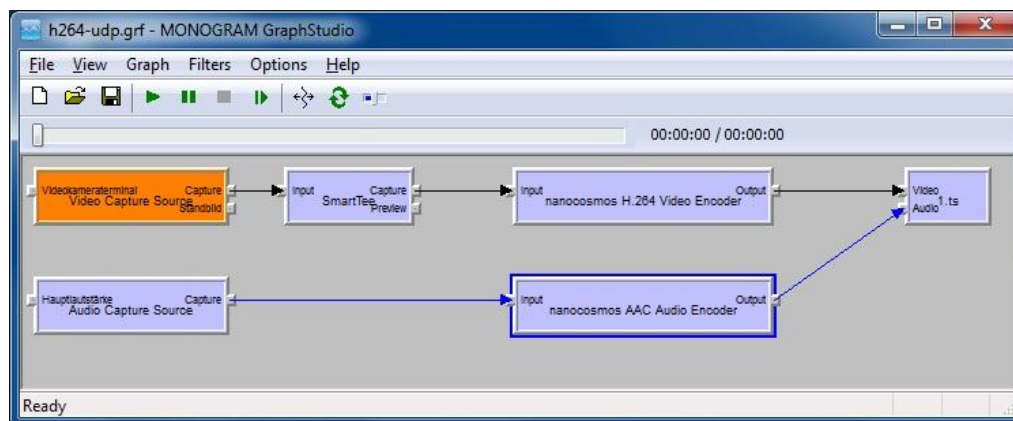
DirectShow Filters used:

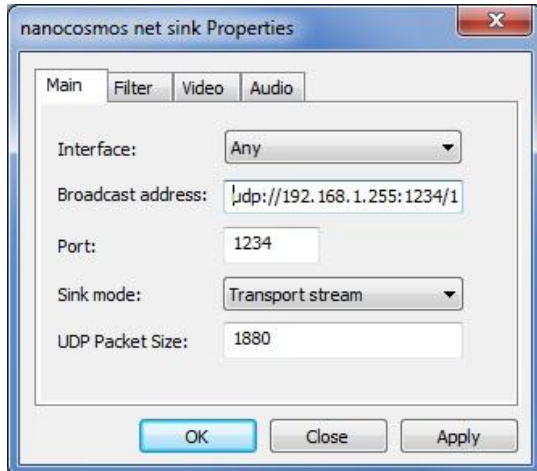
Nanocosmos H.264 Video Encoder

Nanocosmos AAC Audio Encoder

Nanocosmos Net UDP Sink

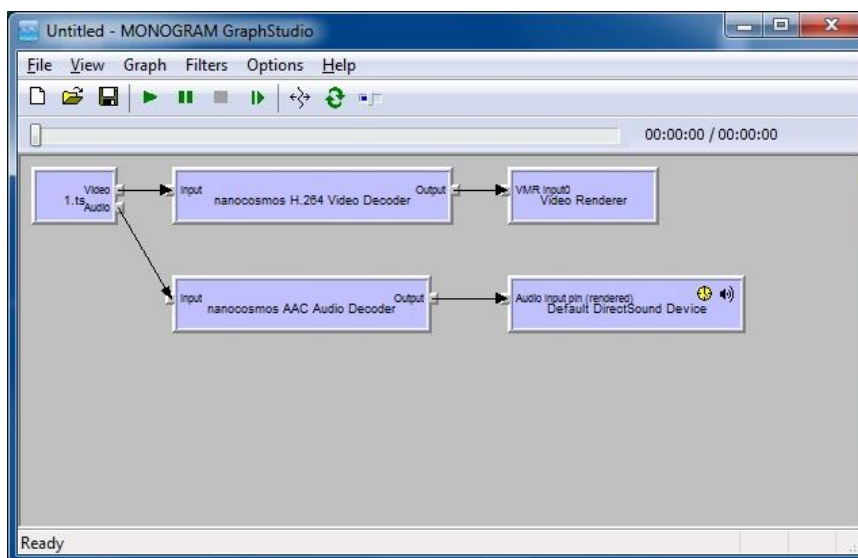
Configuration: set the ts url as "udp://server/1.ts"





DirectShow Decoding/Playback

DirectShow Filters used:
Nanocosmos H.264 Video Decoder
Nanocosmos AAC Audio Decoder
Nanocosmos Net Source



URL Formats:

(Example IP Numbers, use your own IP range)

Unicast/Point-to-point:

udp://192.168.1.123:1234/1.ts

Broadcast:

udp://192.168.1.255:1234/1.ts

Multicast:

udp://224.0.0.1:1234/1.ts

NetSource and NetSink filters should run in TransportStream mode, indicated by "1.ts" part of the url. This mode can be selected through the PropertyPage or COM-Interface.

It is recommended to do H.264 encoding in Baseline Profile. H.264 Encoder options can be set through the PropertyPage or COM-Interface.

Further Information and Services

Further information and extended services are available upon request. Please contact us for further information.

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