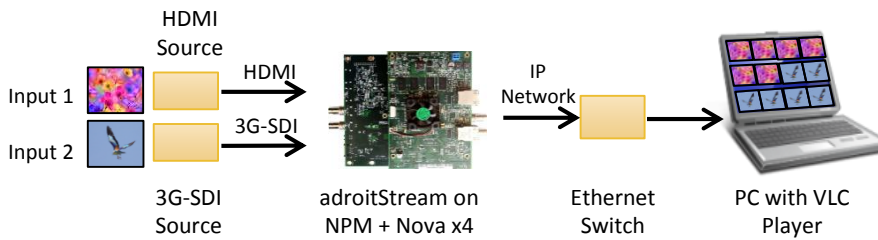


OVERVIEW

- Live 3G-SDI and HDMI® capture, audio video encoding, streaming over Ethernet
- Interoperates with VLC Player on remote PC
- Platform: neonCaster Gen II NPM + Nova x4

HIGHLIGHTS

- 12-channel (480p30) H.264 encoding
- 2-channel AAC encoding



Equipment	# Units
neonCaster Gen-II NPM + Nova x4	1 + 1
HDMI® Source	1
3G-SDI Source	1
Ethernet Switch	1
Laptop/PC	1
Ethernet Cable	2
BNC Cable	1
HDMI Cable	1

Demos showcase a subset of complete product capabilities. Please contact [Ittiam Sales](#) or visit [Ittiam website](#) for more details on our products.

TECHNICAL SPECIFICATION OF THE DEMO

- 12-channel live Streaming Server (Encoder)
- Default Configuration (used for auto-start on power-up) for Channel 1 to Channel 6
 - Input: 1x 720p60 (3G-SDI)
 - Video: 6x 480p30, H.264 HP Level 4.2, 2Mbps
 - Audio: AAC-LC, 48 kHz, 16-bit
 - Output: MPEG-2 TS over UDP
- Default Configuration (used for auto-start on power-up) for Channel 7 to Channel 12
 - Input: 1x 720p60 (HDMI®)
 - Video: 6x 480p30, H.264 HP Level 4.2, 2Mbps
 - Audio: AAC-LC, 48 kHz, 16-bit
 - Output: MPEG-2 TS over UDP

[More about adroitSDK](#)

[More about neonCaster Hardware](#)

Contents

- adroitStream SDK Demo Software with click-wrap license
- Browser based UI
- Step-by-step Set up and Installation Guide
- Basic support for queries over emails

Operation

- Auto-start at power up with default configuration
- Ittiam logo overlaid over encoded video
- Demo has a pre-defined timeout
- Demo board uses static IP address