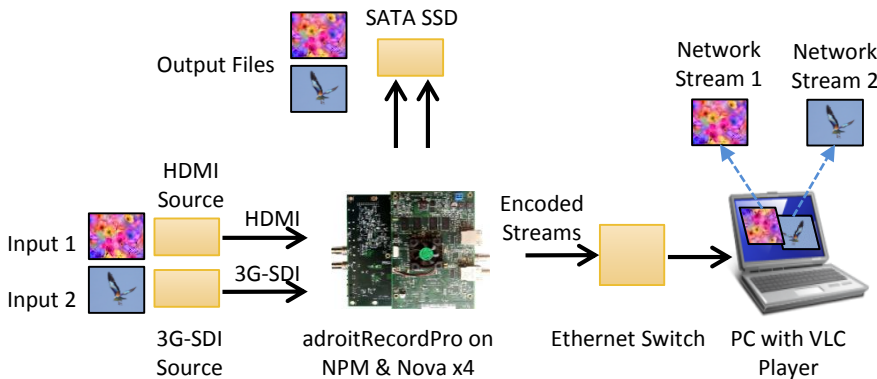


OVERVIEW

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

HIGHLIGHTS

- Dual-channel H.264 encoding (1080p60)
- Simultaneous Full-HD recording & streaming



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
Coaxial Cable	1
SATA SSD	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

- Dual-channel live streaming and simultaneous recording
- Default Configuration for Encoder Channel 1
 - Input: 1x1080p60 (3G-SDI)
 - Video: 1x1080p60, H.264 MP Level 4.2, 15Mbps
 - Audio: AAC-LC, 48 kHz, 16-bit Audio
 - Output: MP4 file to SATA SSD (Recording) & ES over RTP (Streaming)
- Default Configuration for Encoder Channel 2
 - Input: 1x1080p60 (HDMI®)
 - Video: 1x1080p60, H.264 MP Level 4.2, 15Mbps
 - Audio: AAC-LC, 48 kHz, 16-bit Audio
 - Output: MPEG-2 TS file to SATA SSD (Recording), MPEG-2 TS over RTP (Streaming)
- Additional video standards supported
 - 1080p60/59.94/30, 1080i60
 - 720p60
 - NTSC, PAL

[More about adroitSDK](#)

[More about neonCaster Hardware](#)

Contents

- adroitRecord+ 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

- Ittiam logo overlaid over encoded video
- Demo has a pre-defined timeout
- Demo board uses static IP address