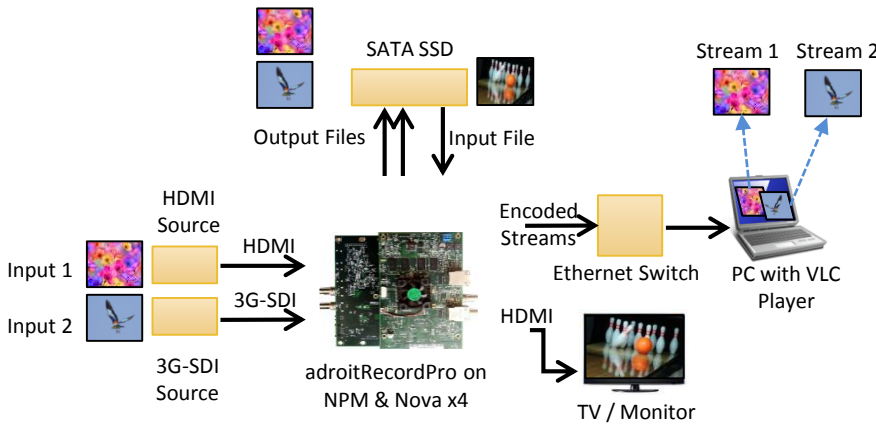


OVERVIEW

- Dual-channel (HDMI®, 3G-SDI) video recording to SATA SSD & streaming over Ethernet; Simultaneous single-channel file/network playback on HDMI® display
- Server interoperates with VLC Player on remote PC
- Platform: neonCaster Gen II NPM + Nova x4

HIGHLIGHTS

- Simultaneous 1080p60 H.264 recording, streaming & playback
- Upto 2x 1080p60 encode + 1x 1080p60 decode



Equipment	# Units
neonCaster Gen-II NPM + Nova x4	1 + 1
HDMI® Source	1
3G-SDI Source	1
HDMI Cable, BNC Coaxial Cable	2, 1
TV/Monitor	1
SATA SSD	1
Ethernet Cable	2
Laptop/PC	1

Demos showcase a subset of product capabilities. Please contact Ittiam_Sales or visit Ittiam_website for more details on our products.

TECHNICAL SPECIFICATION OF THE DEMO

- Dual-channel recording and live streaming with simultaneous single-channel playback
- Default Configuration for Encoder Channel 1
 - Input: 1x 1080p60 (HDMI®)
 - Video: 1x 1080p60, H.264 HP Level 4.2, 10 Mbps, GOP Size 60
 - Audio: AAC-LC, 48kHz, 16-bit, 256kbps
 - Output: MP4 file to SATA SSD (Recording), MPEG-2 TS over UDP (Streaming)
- Default Configuration for Encoder Channel 2
 - Input: 1x 1080p60 (3G-SDI)
 - Video: 1x 1080p60, H.264 HP Level 4.2, 10 Mbps, GOP Size 60
 - Audio: AAC-LC, 48kHz, 16-bit, 128kbps
 - Output: MPEG-2 TS file to SATA SSD (Recording), MPEG-2 TS over RTP (Streaming)
- Default Configuration for Decoder Channel 1
 - Input: MP4 file (SATA SSD) or MPEG-2 TS over RTP stream
 - Video: 1x 1080p60, H.264 HP Level 4.2, 10 Mbps
 - Audio: AAC-LC, 48kHz, 16-bit, 256kbps
 - Output: 1x 1080p60 HDMI®

[More about adroitSDK](#)

[More about neonCaster Hardware](#)

Contents

- adroitRecordPro 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 & decoded video
- Demo has a pre-defined timeout
- Demo board uses static IP address