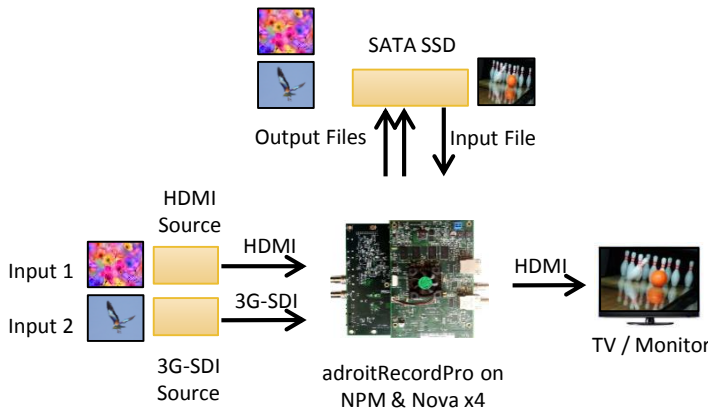


OVERVIEW

- Dual-channel (HDMI®, 3G-SDI) video recording to SATA SSD
- Single-channel file playback on HDMI® display
- Simultaneous recording and playback
- Platform: neonCaster Gen II NPM + Nova x4

HIGHLIGHTS

- Simultaneous 1080p60 H.264 2-channel encoding and 1-channel decoding



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

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 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)
- Default Configuration for Encoder Channel 2
 - Input: 1x 1080p60 (3G-SDI)
 - Video: 1x 1080p60, H.264 HP Level 4.2, 12 Mbps, GOP Size 60
 - Audio: AAC-LC, 48kHz, 16-bit, 128kbps
 - Output: MPEG-2 TS file to SATA SSD (Recording)
- Default Configuration for Decoder Channel 1
 - Input: MP4 file (SATA SSD)
 - Video: 1x 1080p60, H.264 HP Level 4.2, 12Mbps
 - 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