

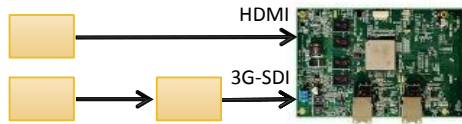
OVERVIEW

- Live 3G-SDI and HDMI® capture, video encoding and streaming over Ethernet
- Interoperates with adroitLive Client on any of the following
 - NPM + Nova x1/Nova x4
 - Clove + Nova x4
 - Android, iOS, Windows/Linux VLC Player on PC
- Platform: neonCaster Gen II NPM + Nova x4

HIGHLIGHTS

- Dual channel H.264
- Server Latency (5 msec)
- Full-HD (1080p60) streaming

HDMI Source (1080p60)



HDMI Source (1080p60)

HDMI to 3G-SDI

adroitLive-E on NPM + Nova x4

adroitLive Client Options:

- NPM + Nova x1
- NPM + Nova x4
- Clove + Nova x4
- Android
- iOS
- VLC Player

Equipment	# Units
neonCaster Gen-II NPM + Nova x4	1 + 1
HDMI® Source	1
HDMI to 3G-SDI Converter	1
Ethernet Cable	1
HDMI Cable	2
Coaxial 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

- Dual-channel low-latency video encoder (Live Streaming Server)
- Default Configuration (used for auto-start on power-up) for Channel 1
 - Input: 1x1080p60 (3G-SDI)
 - Video: 1x1080p60, H.264 MP Level 4.2, 15Mbps
 - Audio: AAC-LC, 48 kHz, 16-bit Audio
 - Output: RTP over UDP
- Default Configuration (used for auto-start on power-up) for Channel 2
 - Input: 1x1080p60 (HDMI®)
 - Video: 1x1080p60, H.264 MP Level 4.2, 15Mbps
 - Audio: AAC-LC, 44.1 kHz, 16-bit Audio
 - Output: TS over UDP
- Glass to glass latency with :
 - Clove + Nova x4 Client: 75-92ms
 - NPM + Nova x1 Client: 44-61ms
 - NPM + Nova x4 Client: 44-61ms
 - Android Client: 100-150ms
- Additional input video standards supported
 - 1080p60/59.94/30, 720p60

[More about adroitSDK](#)

[More about neonCaster Hardware](#)

Contents

- adroitLive-E 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