

OVERVIEW

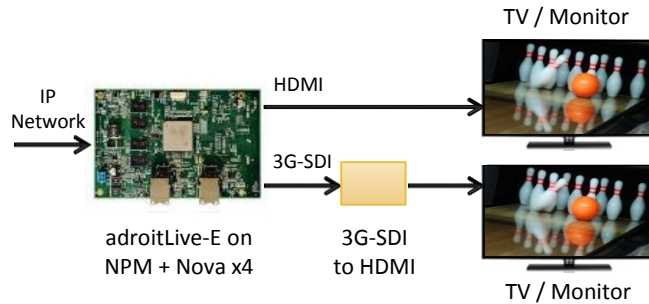
- Reception of network stream over Ethernet, video decoding and rendering over 3G-SDI and HDMI® interface
- Interoperates with adroitLive Server on any of the following
 - NPM + Nova x1/Nova x4
 - Clove + Nova x4
 - Windows/Linux VLC Player on PC
- Platform: neonCaster Gen II NPM + Nova x4

HIGHLIGHTS

- Dual channel H.264
- Client Latency (36-52 ms)
- Full-HD (1080p60) decoding

adroitLive Server Options:

- Clove + Nova x4
- NPM + Nova x1
- NPM + Nova x4



Equipment	# Units
neonCaster Gen-II NPM+ Nova x4	1 + 1
3G-SDI to HDMI Converter	1
TV/Monitor	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 decoder (Live Streaming Client)
- Default Configuration (used for auto-start on power-up) for Channel 1
 - Input: RTP streaming over UDP
 - Video: 1x1080p60, H.264 frame mode decoding
 - Output: 1x1080p60 3G-SDI
- Default Configuration (used for auto-start on power-up) for Channel 2
 - Input: TS streaming over UDP
 - Video: 1x1080p60, H.264 frame mode decoding
 - Output: 1x1080p60 HDMI
- Glass to glass latency with:
 - Clove + Nova x4 Server: 75-92ms
 - NPM + Nova x1 Server: 44-61ms
 - NPM + Nova x4 Server: 44-61ms
- Additional input video standards supported
 - 1080p60/59.94/30, 720p60

[More about adroitSDK](#)

[More about neonCaster Hardware](#)

Contents

- adroitLive-D 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 is overlaid over decoded video
- Demo has a pre-defined timeout
- Demo board uses static IP address