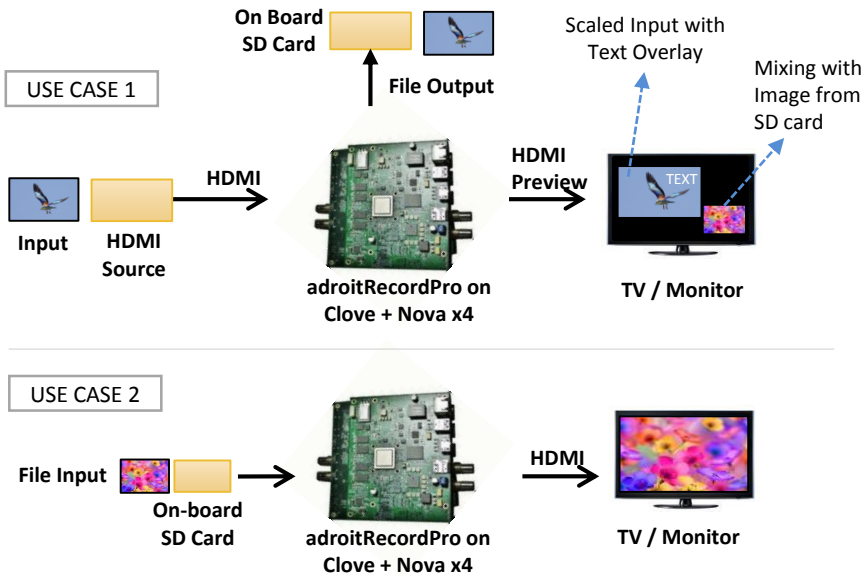


OVERVIEW

- Use Case 1: HDMI® capture, audio & video encoding, recording onto SD card. Simultaneous HDMI® preview of live capture with scaling, text overlay and composition
- Use Case 2: Local file playback, display over HDMI®
- Platform: neonCaster Gen II Clove + Nova x4

HIGHLIGHTS

- Single-channel H.264 encoding or decoding
- Low-Power Full-HD (1080p60) recording or playback



Equipment	# Units
neonCaster Gen-II Clove + Nova x4	1 + 1
HDMI® Source	1
Ethernet Cable	1
HDMI Cable	2
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

- Single-channel recording (with preview) OR single-channel playback
- Default Configuration for Encoder (Recorder) Channel
 - Input: 1x1080p60 (HDMI®)
 - Video: 1x1080p60, H.264 MP Level 4.2, 15 Mbps, GOP Size 30
 - Audio: AAC-LC, 48kHz, 16-bit
 - Output: MP4 File (Recording)
 - Preview: HDMI® Preview with Scaling, Text Overlay & Composition
- Default Configuration for Decoder (Player) Channel
 - Input: MP4 file (SD card)
 - Video: 1x1080p60, H.264
 - Audio: AAC-LC, 48kHz, 16-bit
 - Output: 1x1080p60 HDMI®

[More about adroitSDK](#)

[More about Clove](#)

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