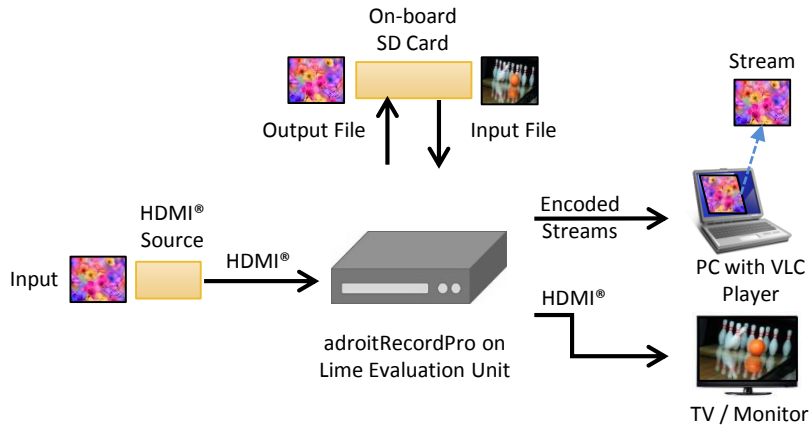


OVERVIEW

- 4K UHD (HDMI®/6G-SDI input) video streaming over Ethernet and recording to internal flash; Simultaneous 4K UHD playback of recorded content on HDMI® display
- Server interoperates with VLC Player on remote PC
- Platform: Lime Evaluation Unit



HIGHLIGHTS

- 1x H.265/H.264 encoding (2160p30/60) + 1x H.265/H.264 decoding (2160p30/60)
- Simultaneous 4K UHD streaming, recording & playback

Equipment	# Units
Lime Eval. Unit	1
HDMI® Source	1
PC/Laptop	1
Ethernet Cable	1
HDMI 2.0 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

- Default Use Case: DVR with Built-in Player
 - 4K UHD recording and streaming with simultaneous 4K UHD playback
- Default Configuration for Encoder Channel
 - Input: 1x 2160p30/60 (HDMI®)
 - Video: 1x 2160p30/60, H.265 Main, 25-40 Mbps, GOP Size 30
 - Audio: AAC-LC, 48kHz, 16-bit, 128Kbps
 - Output: MPEG-2 TS file to SD card (Recording), MPEG-2 TS over UDP (streaming)
 - Encoder Latency: 16msec for 1080p60/2160p60
- Default Configuration for Decoder Channel
 - Input: MPEG-2 TS file (Internal Flash)
 - Video: 1x 2160p60, H.265 Main, 25-40 Mbps, GOP Size 30
 - Audio: AAC-LC, 48kHz, 16-bit, 128Kbps
 - Output: 1x 2160p60 HDMI® Display
 - Decoder Latency: 65 to 80msec for 1080p60/2160p60
- Other Configuration Options
 - H.264 encode/decode, 6G-SDI video input, multi-channel full-HD (1080p60/30) operation

[More about adroitSDK](#)

[More about Lime](#)

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

- 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