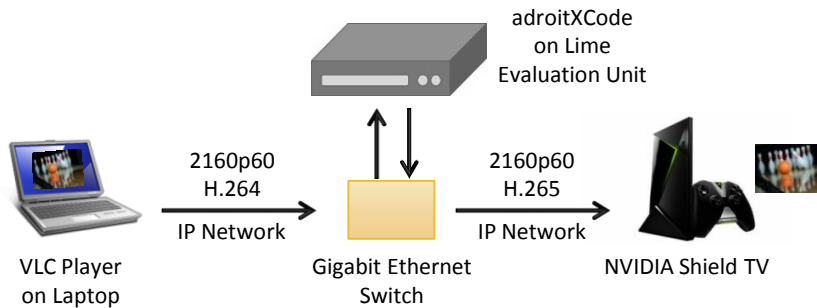


### OVERVIEW

- Reception of one or more MPEG-2 TS encoded streams over Ethernet, transcoding from H.264 to H.265/HEVC, streaming over Ethernet as Apple HLS or MPEG-2 TS streams
- Interoperates with VLC Server on remote PC & MX Player on NVIDIA Shield TV
- Platform: Lime Evaluation Unit

### HIGHLIGHTS

- 1x H.264 to H.265/HEVC transcode
- 4K Ultra-HD (1x 2160p60 or 2x 2160p30) transcode operation



Equipment	# Units
Lime Eval. Unit	1
TV / Monitor (output of NVIDIA Shield)	1
Laptop / PC	1
Ethernet Switch	1
Ethernet Cable	3
HDMI® v2.0 Cable (output of NVIDIA Shield)	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

- One Input – One Output Transcoder
- Default Configuration (used for auto-start on power-up)
  - Input: 1x MPEG-2 TS/UDP Stream over Ethernet
  - Processing:
    - Decoding: 1x 2160p60, H.264, 25 Mbps
    - Encoding: 1x 2160p60, H.265/HEVC, 20 Mbps
  - Output: 1x HLS Stream over Ethernet
- Additional configurations supported
  - 2x 2160p30 to 2x 2160p30 transcoder operation
  - 4x 1080p60 to 4x 1080p60 transcoder operation

### [More about adroitSDK](#)

#### Contents

- adroitXCode SDK Demo Software with click-wrap license
- Step-by-step Set up and Installation Guide
- Basic support for queries over emails

#### Operation

- Auto-start at power up with default configuration
- Demo has a pre-defined timeout
- Demo board uses static IP address