

RDK-Google IPSTB profile stack on Amlogic reference board

Introduction

RDK-V IP Client is a IP based Client Set-Top-Box (STB) with RDK features which connects directly with Network Gateways. Targets on Accelerator platforms and utilizes only open-sourced RDK components.

IPSTB profile is being able to build RDK without any RDK Licensed components.

Chip Information

AH212 S905X4:

Item	S905X4
CPU	Quad-core ARM Cortex-A55
GPU	ARM Mali-G31 MP2
Memory	32-bit DDR3/4/3L, LPDDR3/4
Video decoding	AV1/H.265/VP9/AVS2-P2 to 4k@60fps
Video Encoding	H.265/JPEG to 1080p@60fps
HDMI-TX	4k60hz
AV output	CVBS
Ethernet	10M/100M/1000M
IP License	Dolby Audio/DTS/Dolby Vision
Demux	Support

Youtube Certification Flow:

Hardware Requirements:

<https://wiki.rdkcentral.com/pages/viewpage.action?pageId=222364853>

Generic Links:

https://github.com/youtube/cobalt/blob/master/starboard/doc/evergreen/cobalt_evergreen_overview.md

Reference Device Purchase Link:

<https://rdklogic.tv/>

Build Steps for Reference Device:

Please follow the sub-pages for AML starboard and RDK Starboard.

- [AML Starboard](#)
- [Device Automation Bus on RDK-V](#)
- [Hardware/Software Requirements:](#)
- [RDK CommonPort](#)

