

Release Notes - M10



RDK Reference Platform Release - M10

Version: 1.0
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Introduction

This Release Notes document details on the delivery version M10 for the RDK Reference Platform to the RDK Community

1. Release Feature Information
2. Software and Hardware requirements to build
3. Known limitations
4. Updated Platform Tickets

Release Information

Below are the list of release features supporting R-Pi platform and Emulator.

Si. No	Feature	Device	Profile	Remarks	Tickets
1	RDKB - Raspberry Pi B+ Board Bring up and Validation	RPI	Broadband	• RDKB stack support in RPI3 B+ board and validation of the same	REFPLTB-243
2	RDKV - Raspberry Pi B+ Board Bring up and Validation	RPI	Video	• RDKV stack support in RPI3 B+ board and validation of the same	REFPLTV-203
3	Community, TDK Tickets	RPI /Emulator	Broadband/Video		REFPLTV-220 RDKRIDP-1410 REFPLTB-248, REFPLTB-249, REFPLTB-238, REFPLTB-240, RDKBEMU-751, RDKBEMU-747, RDKBEMU-748

Hardware and Software Requirements

Supported software and hardware

- RPI3 B+ Model
- Preferred 2.4GHZ WIFI adapter for Emulator: Tenda 150Mbps Wireless PICO USB Adapter with RT5370 chipset (W311MI) (or)
- Preferred 2.4GHZ WIFI adapter for Emulator: TP-Link AC1200 Wireless Dual Band USB Adapter (Archer T4U)
- Preferred 5GHZ WIFI adapter for Emulator/RPI: TP-Link AC1200 Wireless Dual Band USB Adapter (Archer T4U)
- Preferred xfinity-wifi 2.4GHZ WIFI adapter for RPI: TP-LINK TL-WN823N 300Mbps Mini Wireless N USB Adapter
- USB to Ethernet
- Desktop PCs

Known Issues and Limitations

RDKB on RPI3 B+:

1) Test case T9 – Bridge Mode - Remote management (http port) does not work after enabling bridge mode.

RDKV on RPI3 B+:

1) Test case T13 - RDK Media player - Play/Pause/Restart - At times, pause, restart back to back gives black screen.

2) T14 - RDK Media player - REW/FFW - Rew/FFW do not work consistently. Frames are repeated.

Observations:

1) T5 - WPE Launcher with yahoo - Yahoo is launched but repeatedly getting log 'CONSOLE ERROR Error while parsing the 'sandbox' Content Security Policy directive: 'allow-presentation' is an invalid sandbox flag.'

2) T7 to T10 - rmfapp - A/V plays but Audio of 1080i_h264v_mpeg2a_cc.ts, 1080p_h264_aac_30.ts and 720p_h264_aac_60.ts are not clear. Noise is coming.

3) T12 -RDK Media player - Default URL (VID1) does not work due to URL issue.

Project Documentation

Below are the list of supporting documents that are part of release

1	User Feature Manual	• Release feature user manual - Broadband [M10] • Release feature user manual - Video [M10]	The user manual consists of procedure to test the particular feature
2	System Testplan & Test Report	• System Test Plan and Report - Broadband RPI [M10] • System Test Plan and Report - Video RPI [M10]	Multiple test cases and test results are being captured
3	Release Notes	• Release Notes - M10	Release Notes -This document
4	Requirement Traceability Table	• Requirement Traceability Table - M10	This document tracks the requirement/feature from end to end (For Eg: from design,coding,testing,documentation are tracked for an particular feature. This enables the user to have a quick references of a particular feature

Technical Support contact

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