

# i.MX Android™ Extended Wi-Fi Display Sink Release Notes

## Contents

## 1 Release Description

The features described in the release notes are supported by the implemented Wi-Fi Display Sink Stack. These features are integrated into the android\_N7.1.1\_1.0.0-ga\_source.tar.gz software package.

## 2 Supported Hardware SoC Boards

The following hardware SoC boards are supported:

- i.MX 6Quad/QuadPlus SABRE-SD board and platform
- i.MX 6DualLite SABRE-SD platform

## 3 Tested Wi-Fi Module

The following Wi-Fi module is tested:

- Murata TypeZP Ver 2.0 module based on Broadcom BCM4339

## 4 Tested Devices

The following devices are tested:

1	Release Description.....	1
2	Supported Hardware SoC Boards.....	1
3	Tested Wi-Fi Module.....	1
4	Tested Devices.....	1
5	Supported Features.....	2
6	Unsupported Features.....	2
7	Known Issues.....	2
8	Revision History.....	3



## Supported Features

- Samsung® S3/S4/S5
- Nexus® 4/5/6/7/9
- Meizu® MX3/MX4/MX5
- Meizu M2 Note
- Huawei Honor® 3C
- Sony Xperia® Z/Z1/Z1 Compact/Z2/Z3
- Xiaomi® MI2/3
- Motorola Moto® X
- HTC® One
- Asus Zenfone® 2
- Vivo® X5 series

## 5 Supported Features

The following features are supported in this release:

- WFD spec 1.1
- Primary Sink
- Latency (~300 ms)
- Drop frames mechanism
- MPEG2-TS stream
- UIBC (touch, mouse, and key events)
- LPCM and AAC audio (default is LPCM)
- AVC H.264 CBP/CHP 3.1/4.1
- Pausing and resuming
- Consumer Electronic Association (CEA) formats
  - 640 x 480p up to 1920 x 1080p
  - Frame rates from 24 frames per second (fps) to 60 FPS
- VESA formats
  - 800 x 600p up to 1680x1050p
  - Frame rates at 30 and 60 FPS
- HDCP 2.1

### NOTE

To use the HDCP feature, apply an extended package to this package. For more information about any of the following packages, contact "L2manager-android@freescale.com".

## 6 Unsupported Features

The following features are not supported in this release:

- Coupled Sink operation
- TDLS
- gPTP
- Remote I2C read/write

## 7 Known Issues

This release has the following known issue:

- Audio noise occurs when connecting with certain Android Phones.

## 8 Revision History

**Table 1. Revision history**

Revision number	Date	Substantive changes
N7.1.1_1.0.0	03/2017	Initial release

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