Android OS

Release Notes

α811
Ver. 1.16.00

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Revision History

Change	Date	Description
Ver.1.00.00	2018/07/23	Android OS v1.00R Release
Ver.1.01.00	2018/07/25	Android OS v1.01R Release
Ver.1.02.00	2018/08/08	Android OS v1.02R Release
Ver.1.03.00	2018/09/11	Android OS v1.03R Release
Ver.1.04.00	2018/09/12	Android OS v1.04R Release
Ver.1.05.00	2018/09/25	Android OS v1.05R Release
Ver.1.06.00	2018/09/26	Android OS v1.06R Release
Ver.1.07.00	2018/10/01	Android OS v1.07R Release
Ver.1.08.00	2018/11/08	Android OS v1.08R Release
Ver.1.09.00	2018/01/02	Android OS v1.09R Release
Ver.1.10.00	2019/02/15	Android OS v1.10R Release
Ver.1.11.00	2019/04/24	Android OS v1.11R Release
Ver.1.12.00	2019/06/11	Android OS v1.12R Release
Ver.1.13.00	2019/11/11	Android OS v1.13R Release
Ver.1.14.00	2019/11/25	Android OS v1.14R Release
Ver.1.15.00	2020/01/02	Android OS v1.15R Release
Ver.1.16.00	2020/02/25	Android OS v1.16R Release

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Table of Contents

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1. Requirements

■ Supported Hardware

① α811 handheld reader

2. Release History

For details about the changes in each release, please refer to the summary of version history.

■ **V1.16R**
New Features

ssue Fixes
● Fixed permission issues of legacy apps.
● Fixed audio path control and wakeup by incoming call issues of Cinterion PHS8 and PLS8 modem.
● Updated SDK v1.17.10 demo apps.

■ **V1.15R**
New Features
● Added USB gadget HD support.
● Added shutdown animation.

ssue Fixes
● mproved PM for WiFi/BT and RF.
● Updated SDK v1.17.00 demo apps.

■ **V1.14R**
New Features

ssue Fixes
● Replaced the file explorer app due to its execution issue caused by permission problems.

■ **V1.13R**
New Features
● Added assisted time synchronization support including time zone.
● Added device information viewer app.
● Added RL NTZ support for Cinterion PHS8 and PLS8 modem.

ssue Fixes
● Fixed the crash issue when clicking the ethernet tab at Settings > Data usage after the Ethernet port of a cradle is connected.
● Updated mobile APN lists.
● Updated SDK v1.16.03 demo apps.
● Updated device setting wizard app v1.0.3.
  → Added app package configuration(enabling/disabling) support as per specific customer.

■ **V1.12R**
New Features

ssue Fixes
- Updated SDK v1.16.01 demo apps.
- Fixed the camera driver issue related to the 2D barcode scan fails.
- Changed touch key-value mapping.

■ **V1.11R**
New Features
- Added H/W option override setting menu.

ssue Fixes
- Updated SDK v1.16.00 demo apps.
- Updated device setting wizard app v1.0.2.

■ **V1.10R**
New Features
- Added GMS packages (optional, preinstalled in the specific version).

ssue Fixes
- Updated SDK v1.15.01 demo apps.

■ **V1.09R**
New Features

ssue Fixes
- Applied performance improvement tweaks.
- Updated SDK v1.15.00 demo apps.

■ **V1.08R**
New Features
- Added global broadcast key support for the remote manager app.
- Added HD clipboard demo app.

ssue Fixes
- Updated SDK v1.14.00 demo apps.

■ **V1.07R**
New Features

ssue Fixes
- Updated SDK v1.13.03 demo apps.

■ **V1.06R**
New Features

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ssue Fixes
- Fixed GMS certification issue (specific version only).

■ **V1.05R**
New Features
- Added GMS packages (optional, preinstalled in the specific version).

ssue Fixes
- mproved recovery mode.
- Adjusted the size of the cache partition.

■ **V1.04R**
New Features

ssue Fixes
- Fixed Bluetooth malfunction issue.
- Changed connection speed support list for serial /O.
  Before: 115200, 230400, 380400, 460800, 921600, 1000000, 1500000
          2000000, 3000000, 3250000
  Current: 115200, 230400, 380400, 460800, 921600, 1500000, 2500000

■ **V1.03R**
New Features
- Added high-speed connection support for serial /O.
  Before: 115200, 230400, 2500000
  Current: 115200, 230400, 380400, 460800, 921600, 1000000, 1500000
          2000000, 3000000, 3250000

ssue Fixes
- Updated SDK v1.13.02 demo apps.

■ **V1.02R**
New Features
- Added app folders for SDK demo and test apps.

ssue Fixes
- Fixed the text and image display issue in the recovery mode.
- Updated SDK v1.13.00 demo apps.

■ **V1.01R**
New Features

ssue Fixes
- mproved sleep mode control of the external UART module.
- Updated SDK v1.12.00 demo apps.

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■ **V1.00R**
New Features

ssue Fixes
- mproved power control of GPS, external UART module and depending on modem option.
- Updated SDK v1.12.00 libraries and demo apps.
- Replaced battery charging animation U resources.

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3. Customer Support

1) Technical Support

Please visit the APULSETECH website for technical support. You can report your issues and get their answers. Also, you can get all the latest information and updates for products and software.

2) Feedback

Please send us your feedback about APULESTECH products.

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