

Android OS

Release Notes

α811
Ver. 1.17.00



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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
Ver.1.17.00	2020/05/29	Android OS v1.17R Release

Table of Contents

1.	Requirements.....	5
	■ Supported Hardware	5
2.	Release History	6
	■ V1.17R.....	6
	■ V1.16R.....	6
	■ V1.15R.....	6
	■ V1.14R.....	6
	■ V1.13R.....	6
	■ V1.12R.....	7
	■ V1.11R.....	7
	■ V1.10R.....	7
	■ V1.09R.....	7
	■ V1.08R.....	7
	■ V1.07R.....	8
	■ V1.06R.....	8
	■ V1.05R.....	8
	■ V1.04R.....	8
	■ V1.03R.....	8
	■ V1.02R.....	8
	■ V1.01R.....	9
	■ V1.00R.....	9
3.	Customer Support	10
1)	Technical Support	10
2)	Feedback	10

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.

■ V1.17R

New Features

- Added Bluetooth MAC address factory writing support.
- Added USB AOA interface winusb support.

Issue Fixes

- Updated SDK v1.19.00 demo apps.

■ V1.16R

New Features

Issue 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 HID support.
- Added shutdown animation.

Issue Fixes

- Improved PM for WiFi/BT and RF.
- Updated SDK v1.17.00 demo apps.

■ V1.14R

New Features

Issue 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 RIL NITZ support for Cinterion PHS8 and PLS8 modem.

Issue 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

Issue 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.

Issue Fixes

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

■ V1.10R

New Features

- Added MS packages (optional, preinstalled in the specific version).

Issue Fixes

- Updated SDK v1.15.01 demo apps.

■ V1.09R

New Features

Issue 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 HID clipboard demo app.

Issue Fixes

- Updated SDK v1.14.00 demo apps.

■ V1.07R

New Features

Issue Fixes

- Updated SDK v1.13.03 demo apps.

■ V1.06R

New Features

Issue Fixes

- Fixed MS certification issue (specific version only).

■ V1.05R

New Features

- Added MS packages (optional, preinstalled in the specific version).

Issue Fixes

- Improved recovery mode.
- Adjusted the size of the cache partition.

■ V1.04R

New Features

Issue Fixes

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

Issue Fixes

- Updated SDK v1.13.02 demo apps.

■ V1.02R

New Features

- Added app folders for SDK demo and test apps.

Issue Fixes

- Fixed the text and image display issue in the recovery mode.

- Updated SDK v1.13.00 demo apps.

■ V1.01R

New Features

Issue Fixes

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

■ V1.00R

New Features

Issue Fixes

- Improved power control of PS, external UART module and depending on modem option.
- Updated SDK v1.12.00 libraries and demo apps.
- Replaced battery charging animation UI resources.

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 APULSETECH products.