

Differences between Cinterion[®] PLSx3-W, PLSx3-X, and PLSx3-W-B, PLSx3-X-B

Delta Report

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Contents

1. Introduction5

2. Software Differences and Changes6

1. Introduction

This Delta Report applies to the new data-only Cinterion® PLSx3 module variants:

Cinterion® PLS63-W-B v01.300

Cinterion® PLS83-W-B v01.300

Cinterion® PLS63-X-B v01.300

Cinterion® PLS83-X-B v01.300

The document describes the firmware differences in the above data-only Cinterion® PLSx3 module variants, comparing against the existing voice-capable Cinterion® PLSx3 module variants, listed as follows:

Cinterion® PLS63-W v01.200

Cinterion® PLS83-W v01.200

Cinterion® PLS63-X v01.200

Cinterion® PLS83-X v01.200

In general, the new data-only Cinterion® PLSx3 module variants are based on the existing Cinterion® PLSx3 v01.200, while removing the voice related features and AT commands by software implementation. The details are in [Section 2](#).

From the hardware aspect, the existing Cinterion® PLSx3 v01.200 module variants and the new data-only Cinterion® PLSx3-W-B and PLSx3-X-B v01.300 module variants share the same hardware design. There is no hardware change in component placement, schematics, BOM, PCB layout, etc.

Software Differences and Changes

This section describes the firmware differences in the new data-only Cinterion® PLSx3 modules variants, comparing against the existing voice-capable Cinterion® PLSx3 module variants.

In the new data-only module variants, the following voice related features are not supported:

- CS call
- VoLTE/CSFB
- Supplementary services
- Emergency call
- DTMF
- Phonebook

Because the voice related features are not supported, the following AT commands are not available in firmware:

- ATA
- ATD
- ATDL
- ADTH
- ATH
- AT+CHUP
- AT+CLCC
- AT+CRC
- AT+CVMOD
- AT+CACM
- AT+CAMM
- AT+CAOC
- AT+CCFC
- AT+CCWA
- AT+CHLD
- AT+CLIP
- AT+CLIR
- AT+COLP

- AT+CPUC
- AT+CSSN
- AT+CUUSD
- AT+CMUT
- AT+VTS
- AT+VTD
- AT+CPBS
- AT+CPBR
- AT+CPBW
- AT+CSVM



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