



AirPrime XS1110

Customer Release Notes for R16.2



SIERRA
WIRELESS®

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2.0
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Document History

Version	Dates	Updates
1.0	June 12, 2020	Creation
1.1	June 23, 2020	Minor edit on release note version
2.0	July 15, 2020	Added release descriptions for: <ul style="list-style-type: none">• SWI5605XS_R2_FDLB.19023• SWI5605XS_R2_FDLG.19023



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1. Introduction

1.1. Document Scope

This document describes XS1110 firmware releases.

1.2. Document Audience

These release notes may be distributed to all direct and indirect customers.



2. Abbreviations and Definitions

Table 1. Abbreviations and Definitions

Abbreviation/Acronym	Definitions
PVT	Position, Velocity and Time.



3. Related Documentation

- [1] AirPrime - XS1110 - AT Command Reference Guide
Reference number: 41113737

>> | 4. Compatibility

4.1. Hardware Compatibility

Table 2. Hardware Compatibility

AirPrime Compatibility List
XS1110

5. Software Release Description

Identification	XS1110_v16.2
File name	XS1110_v16.2.bin
Date of generation	12 June 2020
Binary size	25,760 Bytes
Applicable module	XS1110
Interface	UART, I2C

Identification	SWI5605XS_R2_FDLS.19023
File name	cx5605_fw_19023_7e4ac65_156FDLS_Encrypt.zip
Date of generation	12 June 2020
Binary size	730,279 Bytes
Applicable module	XS1110
Interface	UART, I2C
Support Satellite System	GPS+GLONASS+QZSS+SBAS

Identification	SWI5605XS_R2_FDLB.19023
File name	cx5605_fw_19023_7e4ac65_156FDLB_Encrypt.zip
Date of generation	12 June 2020
Binary size	737,063 Bytes
Applicable module	XS1110
Interface	UART, I2C
Support Satellite System	GPS+BEIDOU+GLONASS+QZSS

Identification	SWI5605XS_R2_FDLG.19023
File name	cx5605_fw_19023_7e4ac65_156FDLG_Encrypt.zip
Date of generation	12 June 2020
Binary size	728,599 Bytes
Applicable module	XS1110
Interface	UART, I2C
Support Satellite System	GPS+GALILEO+GLONASS+QZSS



6. Software Changes Description

6.1. Validated Corrections/Improvements

Table 3. Validated Corrections and/or Improvements

Description	Impacted Functionality/ Sub-Functionality
Revised PVT log format.	AT+GNSSPVTL
Added vertical and horizontal speed in PVT log.	AT+GNSSPVTL
Changed altitude from base altitude to antenna altitude in PVT log.	AT+GNSSPVTL
Revised and added low tracking power mode.	AT+GNSSLOWP

6.2. Interface Changes

Table 4. Interface

Command/Feature	Comment
AT+GNSSPVTL	Configure and query the log and configuration of PVT log in flash.
AT+GNSSLOWP	Configure and acquire GNSS low power tracking mode.

7. Restrictions/Known Issues

This section presents restrictions or known issues that must be considered regarding this release.

ID	Description (What/When)
NA	NA