

u-blox GNSS Sensor and VCP Device Driver v2.32

Release note

Abstract

Release note containing general information, features, improvements, changes and known limitations for the u-blox GNSS Sensor and VCP Device Driver v2.32.

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Document Information

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Document status explanation

Objective Specification	Document contains target values. Revised and supplementary data will be published later.
Advance Information	Document contains data based on early testing. Revised and supplementary data will be published later.
Early Production Information	Document contains data from product verification. Revised and supplementary data may be published later.
Production Information	Document contains the final product specification.

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1 Introduction

This document provides the release note for the u-blox GNSS Sensor and VCP Device Driver v2.32.

1.1 Installer Files

The installer files for the drivers are:

- ubloxGNSS_sensorDeviceDriver_windows_3264_v2.32.exe
- ubloxGNSS_vcpDeviceDriver_windows_3264_v2.30.exe

1.2 Components

The Sensor Device Driver installer contains the following components:

- USB GNSS Sensor Device Driver
- Radio Manager (Windows 8 and above)

The VCP (Virtual COM Port) Device Driver installer contains the following components:

- Virtual COM Port Device Driver

1.3 Released Documentation

- Public Release Notes (UBX-16031033)
- u-blox GNSS Sensor and VCP Device Driver User Guide (UBX-15022397)

2 Features

2.1 Supported Microsoft Windows versions

The following Windows version are supported:

- Windows 7, 32- and 64-bit
- Windows 8, 32- and 64-bit
- Windows 8.1, 32- and 64-bit
- Windows 10, 32- and 64-bit

2.2 Windows Hardware Certification

The Sensor Device Driver is certified and signed for the following Windows versions:

- Windows 7, 32- and 64-bit
- Windows 8.1, 32- and 64-bit
- Windows 10 (Build 14393, August 2016 update), 32- and 64-bit

The VCP Device Driver is certified and signed for the following Windows versions:

- Windows 7, 32- and 64-bit
- Windows 8.1, 32- and 64-bit
- Windows 10, 32- and 64-bit

2.3 Supported u-blox GNSS receivers

The following u-blox GNSS receivers are supported:

Receiver generation	Product ID	Vendor ID	Device name (shown in Device Manager)
u-blox 5	0x01A5	0x1546	u-blox 5 GPS and GALILEO Receiver
u-blox 6	0x01A6	0x1546	u-blox 6 GPS Receiver
u-blox 7	0x01A7	0x1546	u-blox 7 GPS/GNSS Receiver
u-blox 8/M8	0x01A8	0x1546	u-blox GNSS Receiver

3 Improvements and Changes

3.1 Version 2.32

Sensor Device Driver:

- Satellite information (signal strength, azimuth, elevation, count etc.) now passed to sensor platform.
- Updates to leap second table.

VCP Device Driver:

- No changes, still at version v2.30.

3.2 Version 2.31

Sensor Device Driver:

- Re-signed for Windows 7, 8, and 10 (build 14393, August 2016 update) with expiry date increased to 05-Jan-2018.
- No binary changes.

VCP Device Driver:

- No changes, still at version v2.30.

3.3 Version 2.30

Sensor Device Driver:

- Rebuilt with Visual Studio 2013 Update 4.
- Re-signed for Windows 7, 8, and 10 (build 14393, August 2016 update).
- Co-Installer to initiate VCP Device Driver installation removed.

VCP Device Driver:

- Version increased to v2.30.
- DUA from v2.24, no binary changes.

3.4 Version 2.24

- Fixed the date issue in the Sensor driver's .inf file. Version 2.23 had the wrong year (2015 instead of 2016).
- Enable the VCP driver for all languages.

3.5 Version 2.23

- Fixed an issue in the Sensor driver's automatic installation of the VCP driver. VCP installation is now more seamless.
- Enable the sensor driver for all languages.

4 Known Limitations

4.1 Known Issues

- Some content of NMEA messages may violate the NMEA standard.

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