

## Internal Release Notes

<b>Topic :</b>	<USB Sensor driver v2.1.0.5>	
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# 1 Introduction

This document provides the release notes for the <USB Sensor driver v2.1.0.5>.

## 1.1 File name

The driver installer file is called: ubloxGnss\_sensor\_windows\_3264\_v2.1.0.5.exe

## 1.2 Components

The installer contains the following components:

- USB Sensor driver
- Virtual Com Port driver
- Radio Manager (Windows 8 and above)

## 1.3 Supported Windows versions

The following Windows versions are supported:

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

## 1.4 WHQL Certification

The driver was certified for the following Windows versions:

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

## 1.5 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)
ANTARIS 4	0x01A4	0x1546	u-blox ANTARIS 4 GPS Receiver
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 M8	0x01A8	0x1546	u-blox GNSS Receiver



## 2 New Features

- Support for u-blox M8 devices
  - Multi GNSS (GPS and GLONASS are supported)
  - Concurrent GNSS supported
  - BeiDou satellites are ignored
  - Internal parser supports NMEA 4.1
- SENSOR\_DATA\_TYPE\_NMEA\_SENTENCE data type supported

## 3 Improvements and changes

- Sensor driver now uses 50% less CPU resources

## 4 Bug fixes

- Sensor driver now switches off GPS receiver when instructed to by the Radio Manager

## 5 Known Limitations

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