Information Note

Topic	Initial Production – ODIN-W26x-05B and u-blox connectivity software 6.0 UBX-18045825
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1   Affected Products

Product Name	Order Code	Type No	Software
ODIN-W260	ODIN-W260-05B	ODIN-W260-05B-00	6.0.0
ODIN-W262	ODIN-W262-05B	ODIN-W262-05B-00	6.0.0

2   Type of Change

☐   Hardware modification
☒   Software update
☒   Documentation update
☐   Others

3   Description of Change

ODIN-W2 software version 6.0 includes new functionalities and corrections of issues from the previous software releases. The new software version is pre-flashed in the products with ordering codes ODIN-W260-05B and ODIN-W262-05B. It is also downloadable from the web [1].

The main new features in the software version 6.0 are presented in the following sections and in the release notes [2].

3.1 Fast roaming, 802.11r

Support for fast roaming, 802.11r, has been included. This enables fast and efficient roaming between access points. Fast roaming is only supported in station mode.

3.2 IPv4 address conflict detection (RFC 5227)

The ability to detect and handle address conflicts according to RFC 5227 has been added.

3.2.1 Gateway functionality using Bind command

This software version includes a gateway command to directly connect two data streams, for example Bluetooth low energy serial data with a TCP/Wi-Fi link. This function can offload the host in gateway use cases. The added AT command for this operation is called +UDBIND.

3.3 Hidden SSID

When acting as an Access Point, ODIN-W2 can be set to not broadcast the SSID.

4   Schedule

Production parts with software version 6.0 are orderable now via the order numbers:

- ODIN-W260-05B
- ODIN-W262-05B

5   Customer Impact and Recommended Action

It is recommended to review the software updates presented in the release notes [2].

6   Reference Documents

[1]   u-blox Connectivity Software 6.0.0 for ODIN-W2
[2]   Release Notes - u-blox Connectivity Software 6.0.0 for ODIN-W2