

Product change note

Topic NEO-M9V: New product version with updated firmware
UBX-22036877 C1-Public

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1 Affected products

| Product name | Ordering code | Type number | Firmware | Remarks |
|--------------|---------------|----------------|----------|-------------------------|
| NEO-M9V | NEO-M9V-20B | NEO-M9V-20B-00 | MDR2.10 | Obsolete |
| | | NEO-M9V-20B-01 | MDR2.16 | Initial production (IP) |

2 Type

- | | |
|--|--|
| <input checked="" type="checkbox"/> Product status change | <input checked="" type="checkbox"/> Documentation update |
| <input type="checkbox"/> Hardware/component change | <input type="checkbox"/> Certification information |
| <input checked="" type="checkbox"/> Firmware/software update | <input type="checkbox"/> Security advisory |
| <input checked="" type="checkbox"/> Label change | <input type="checkbox"/> Other |

3 Description

NEO-M9V-20B-01 replaces NEO-M9V-20B-00 and comes with an improved firmware:

- Detection of static positions in DR mode is greatly improved, which in turn significantly reduces the likelihood of drifting position outputs in such scenarios.
- The odometer feature, which was not available in the previous version, is now available. Its performance was greatly improved compared to the previous generation products NEO-M8U and NEO-M8L.

Further details are available in the release notes [4] and the interface description [5].

Furthermore, the product status goes directly to initial production (IP).

4 Schedule

| Product type number (new) | Estimated first shipment date |
|---------------------------|-------------------------------|
| NEO-M9V-20B-01 | 15 May 2023 |

5 Customer impact and recommended action

- The order code remains: NEO-M9V-20B.
- Orders previously confirmed with NEO-M9V-20B-00 will be updated to NEO-M9V-20B-01 and new order confirmations will be sent to customers once the delivery date is confirmed.
- Existing customers using NEO-M9V-20B-00 today can update to MDR2.16 (available from our [NEO-M9V product page](#)), which is strongly recommended.

6 Related documentation

- [1] NEO-M9V product summary, [UBX-21032008](#)
- [2] NEO-M9V-20B data sheet, [UBX-21029781](#)
- [3] NEO-M9V integration manual, [UBX-21029776](#)
- [4] MDR2.16 release notes, [UBX-22037070](#)
- [5] MDR2.16 interface description, [UBX-22037308](#)