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# Skywire® 3G EVDO

## End-Device Certified Modem




## Product Brief

| Part Numbers | Description |
|---|---|
| NL-SW-EVDO-V | Skywire, CDMA EVDO, Verizon |
| NL-SW-EVDO-A | Skywire, CDMA EVDO, AERIS |

Add robust cellular connectivity to your M2M devices without the cost, delay, and hassle of federal and carrier certifications. Extensive experience in designing and building embedded product solutions makes the NimbeLink Skywire® end-device certified modems the smallest on the market. Its U.FL ports ensures antenna flexibility. It complies with the Skywire interface and supports EVDO Rev. A communication, minimizing costs of hardware and network access. And Verizon's commitment to the CDMA network helps ensure long product life.

NimbeLink's Skywire modem is available with bundled data plans from leading cellular carriers. This product supports CDMA EVDO Rev. A and also integrates GPS and GLONASS receivers for worldwide positioning coverage. Other footprint compatible products support 1xRTT, GSM/GPRS and LTE, and like the current products will let you quickly, easily, and economically incorporate fully-compliant cellular connectivity into devices without having to apply for certification.

This module also supports antenna diversity to improve receive sensitivity and download speeds.

Take the complexity out of designing cellular M2M solutions.

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## Features

- Small form-factor
- 2 U.FL port for antenna diversity
- 1 U.FL for GPS & GLONASS
- Skywire interface

## Advantages

- FCC & Verizon OD Certified
- Supports GPS & GLONASS
- Migration path to 1xRTT, GSM & LTE
- Bundled data plans available

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# Technical Specifications

NL-SW-EVDO

| | |
|---|---|
| **Form Factor** | |
| | Skywire interface |
| | 29mm x 33mm x 10.5mm |
| **Approvals** | |
| | Regulatory: FCC |
| | Carrier: Verizon, AERIS |
| **Speeds** | |
| | 3.1Mbps Download |
| | 1.8Mbps Upload |
| **Current Consumption** | |
| | Input voltage: 3.5V-4.3Vdc |
| | I/O voltage: 1.65V-5.5Vdc |
| | Sleep mode: 15uA |
| | Normal: 3mA |
| | Active call: 750mA |
| **Temperature Range** | |
| | Operating and storage temperature -40C to +85 |
| **Antenna Specifications** | |
| | U.FL primary and diversity |
| **Support and Warranty** | |
| | 1 Year standard warranty |

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