

# Skywire 2G EVDO

## Embedded Cellular Modem

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™ embedded cellular modem the smallest on the market. Its U.FL ports ensures antenna flexibility. It complies with the popular XBEE interface standard and supports EV-DO Rev. A communication, minimizing costs of hardware and network access. And Verizon's commitment to the CDMA network helps ensure long product life.

The NimbeLink Skywire™ modem is available with bundled data plans from leading cellular carriers. This product supports CDMA EV-DO 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.

NimbeLink.™  
Smart. Simple. Cellular.

### Features:

- Industry smallest
- 2 U.FL port for antenna diversity
- 1 U.FL for GPS & GLONASS
- XBEE Form Factor

### Advantages:

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

#### Product/Solution Brief

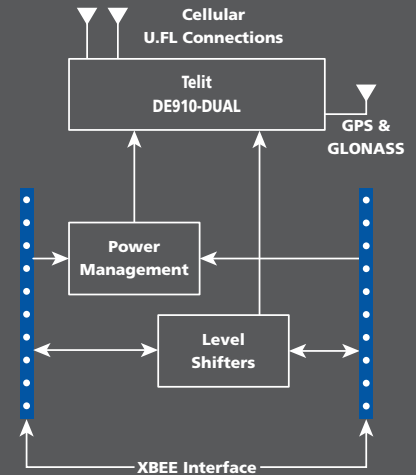


| Part Numbers | Description                                |
|--------------|--|
| NL-SW-EVDO-V | Skywire Cellular Modem, CDMA EVDO, Verizon |
| NL-SW-EVDO-A | Skywire Cellular Modem, CDMA EVDO, AERIS   |

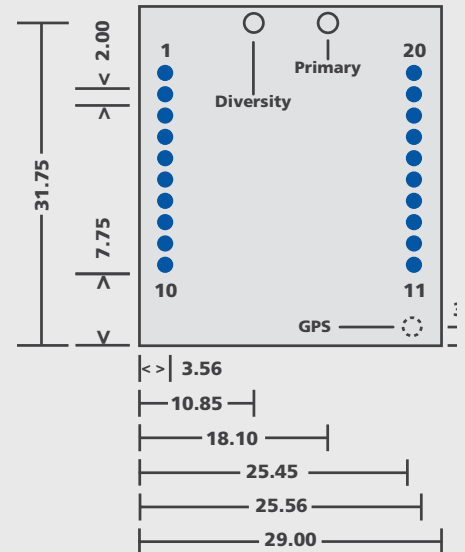
## Technical Specifications

|                          |                     |
|--------------------------|---------------------|
| <b>Power</b> Active call | 750mA               |
| Normal                   | 3mA                 |
| Power saving             | 15uA                |
| Input voltage            | 3.5V - 4.3V         |
| I / O voltage            | 1.65V - 5.5V        |
| Temperature range        | -40C to +85C        |
| Dimensions               | 29mm x 33mm x 6.5mm |

## Block Diagram



## Mechanical Drawing



## Contact a NimbeLink Sales Professional

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