

Skywire 2G 1xRTT

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 port ensures antenna flexibility. It complies with the popular XBEE interface standard and supports 1xRTT communication, minimizing costs of hardware and network access. And Verizon's commitment to the 1xRTT network helps ensure long product life.

The NimbeLink Skywire™ modem is available with bundled data plans from leading cellular carriers. The current version supports CDMA. Future additions to the product line will support GSM and LTE, and like the current CDMA product will let you quickly, easily, and economically incorporate fully-compliant cellular connectivity into devices without having to apply for certification.

Take the complexity out of designing cellular M2M solutions.

NimbeLink.™
Smart. Simple. Cellular.

Features:

- Industry smallest
- U.FL port for antenna flexibility
- XBEE Form Factor
- Bundled Data Plans from Verizon

Advantages:

- FCC & Verizon OD Certified
- Lowest cost 2G CDMA 1xRTT
- Migration path to GSM & LTE
- Bundled data plans available

Product/Solution Brief

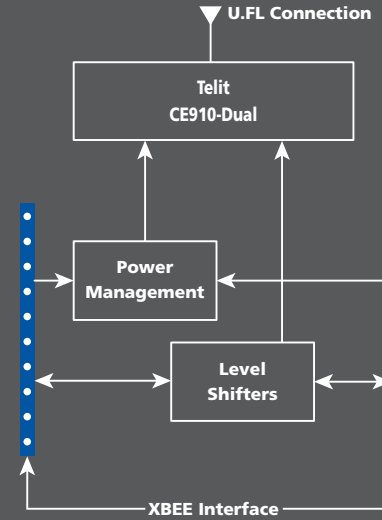


Part Numbers	Description
NL-SW-1xRTT-V	Skywire Cellular Modem, CDMA 1xRTT, Verizon
NL-SW-1xRTT-A	Skywire Cellular Modem, CDMA 1xRTT, Aeris

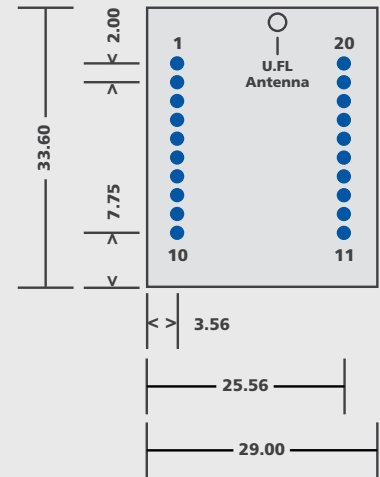
Technical Specifications

Power Active call	750mA
Normal	29mA
Power saving	1.1 mA
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



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