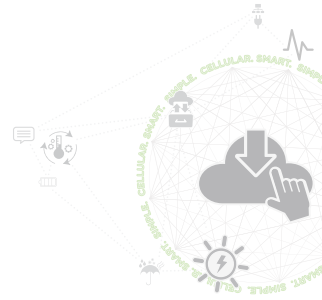# S2C Link
Accessory Kit

The Skywire® S2C Accessory Kit accepts any Skywire modem, from 2G to Cat M1, and assembles in minutes to connect your device to the cellular network. In addition to your choice of Skywire modems, the kit lets you choose your own antenna, power supply, and mounting options. Add your selected components, assemble the kit components, and plug your device to either the RS-232 Serial port or mini USB port on the S2C Link. Your device's software can then be configured to send the proper AT commands to the S2C Link.

The assembled S2C kit is light and compact. Its flexibility, modest power requirements, and ability to handle a wide range of temperatures make it ideal for remote applications like kiosks, digital signs, and surveillance systems. Its modest cost makes it an economical choice for large-scale implementations. Compatibility with the whole range of Skywire modems helps ensure long life. The Skywire S2C kit's ease of assembly and field-tested ruggedness make it the ideal choice for your most demanding IoT applications.

Features

- **Plug-and-Play Connection** serial USB Mini-B or RS-232 DB9 ports
- **Lightweight** 2.8 oz
- **Compact size** 2.7" x 2.2" x 0.7"
- **Rugged** Aircraft grade Aluminum
- **Temperature Resistance** 40c - +85C
- **Wide input voltage range** 5V-32V
- **Compatible with 2G, 3G, 4G LTE Skywire modems**
- **Flexible powering options** 5-32V

Advantages

- Light and compact
- Add your choice of antenna and power supply
- Flexible mounting options
- Low power consumption
- Ideal for remote device connectivity

Product Brief

Part Numbers	Description
NL-S2CK	S2C Link Development Kit

Supported Modems

NL-SW-1xRTT-V	Skywire Cellular Modem, CDMA 1xRTT, Verizon
NL-SW-HSPA	Skywire, HSPA+, GPS, global connectivity
NL-SW-LTE-TSVG	LTE without Fallback, GPS, GLONASS, Verizon
NL-SW-LTE-TNAG	LTE with HSPA+ Fallback, GPS, GLONASS, AT&T
NL-SW-LTE-TEUG	LTE with HSPA+ Fallback, GPS, GLONASS, EU
NL-SW-LTE-WM14	Skywire, LTE CAT 1, AT&T
NL-SW-LTE-GELS3	Skywire, LTE CAT 1, Verizon
NL-SW-LTE-SVZM20	Skywire, LTE CAT M1, Verizon
NL-SW-LTE-SVZM21	Skywire, LTE CAT M1, Verizon, GPS/GNSS

Technical Specifications

NL-S2CK

Wireless WAN	
GSM	GPRS, EDGE - 800/850, 900, AWS, 1900, 2100 MHz
CDMA	1xRTT - 800/1900 MHz
HSPA+	800 (B6), 850 (B5), 900 (B8), AWS1700 (B4), 1900 (B2), 2100 (B1)
LTE	LTE 700 (B17), 850 (B5) AWS1700 (B4) 1900(B2) MHz
	LTE 700 (B13), AWS1700 (B4) MHz
WWAN Embedded Module	Telit 910 Series, Sierra Wireless HL7588, Gemalto ELS31
SIM Slots	1 3FF Micro-SIM Slot
Antenna Connectors	1 x 50 Ω SMA (Center pin: female)

Serial	
Ports	1 RS-232, 1 USB
Connector	DB9, USB Mini-B

Power	
Input	USB, 5-32v VDC (power supply with barrel jack connector included)
Consumption	Typical: 3.5 W; Max: 15 W

General	
LEDs	Power On, WWAN Service
Relative Humidity	5% to 95% (non-condensing)
Temperature Range	-40c to +85c

NimbeLink®
Smart. Simple. Cellular.

Contact a NimbeLink Sales Professional
612-285-3433

Email Us
www.NimbeLink.com/contact-us

Online
www.NimbeLink.com