

Skywire 4G LTE CAT 4 Asia Pacific

NimbeLink, a global leader in embedded cellular modem technology and asset tracking solutions, has introduced the latest Skywire[®] 4G LTE Cat 4 APAC modem. This is the fastest and most cost-effective way to bring cellular connectivity to your IoT products in Asia-Pacific. The CAT 4 APAC modem delivers exceptional download and upload speeds and has fallback to 3G.

Features

- Small form-factor
- U.FL port for antenna flexibility
- Skywire standard interface
- 4G LTE CAT 4 with 3G fallback

Advantages

- Longest Network Life
- CAT 4 LTE Speeds (Up to 150 MB down/50 MB up)
- Improved reception with RX diversity
- Penta-Band LTE support
- GPS, Glonass, Beidou, Galileo, QZSS



Part Number	Description
NL-SW-LTE-TC4APG	Skywire LTE CAT 4, Asia-Pacific, 3G Fallback

About The Skywire Family

Skywire cellular modems are designed to make cellular integration as fast and as easy as it can be. Exceptionally small, pin-compatible, and end-device certified, Skywire modems enable developers to quickly and reliably connect IoT products to cellular networks around the world. Skywire modems are backed by industry leading documentation and expert-level product support.



Technical Specifications (NL-SW-LTE-TC4APG)

Target Region	
	Asia-Pacific
Compatible Carriers	N/A
Cellular Technology	
LTE Category	LTE CAT 4, 3GPP Release 10 Compliant
LTE Frequency Bands	FDD B1[2100], B3[1800], B5[850], B8[900], B9[1800], B18[850], B19[850], B26[850], B28[700]
3G Technology Supported	HSPA+
3G Frequency Band	B1[2100], B5[850], B6[800], B8 [900], B19[800]
2G Technology Supported	N/A
2G Frequency Band	N/A
Data Speeds	
Download Rate and Upload Rate	Download: LTE: 150 Mbps HSPA+: 42.0 Mbps Upload: LTE: 50 Mbps HSPA+: 5.76 Mbps
Hardware	
Form Factor	Skywire Standard nterface
Dimensions	29mm x 33mm x 10.5mm
Weight	8 grams
Internet Protocols	
Network Stack Support	Integrated TCP/IP, UDP/IP, HTTP, FTP, SSL/TLS, SMTP, IPv4/IPv6, NITZ, PING, PPP Stacks
SMS	SMS over IMS
Location	
GNSS	GPS, Glonass, Beidou, Galileo, QZSS
Power	
Supply Voltage	3.4V - 4.2V (3.8V nominal)
I/O Voltage	1.65V - 5.5V
Current Consumption	Average TBD mA Peak TBD mA Idle TBD mA Sleep TBD
Interfaces	
Data Interface	UART, USB (USB 2.0 compliant)
USB Driver Support	OS: Windows 7 Windows 8 Windows 10 Linux Drivers: MBIM PPP RNDIS ECM QMI NMEA AT Console
RF	Primary (U.FL), Rx Diversity and MIMO DL 2x2 (U.FL)
SIM	
Type	3FF SIM card slot
Approvals	
Regulatory Certifications	N/A
Carrier Approvals	TBD
Compliance	RoHS compliant
Temperature Range	
Industrial Grade	-40°C to +85°C
Support and Warranty	
	1 Year standard warranty

About NimbeLink

NimbeLink is the world's most trusted partner for cellular solutions for the Industrial Internet of Things (IIoT). The Skywire® series of cellular embedded modems, enable dramatic reduction in development and time-to-market. NimbeLink also develops and markets complete, highly configurable edge-to-enterprise Asset-Tracking Solutions.

For more information, visit NimbeLink.com

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