

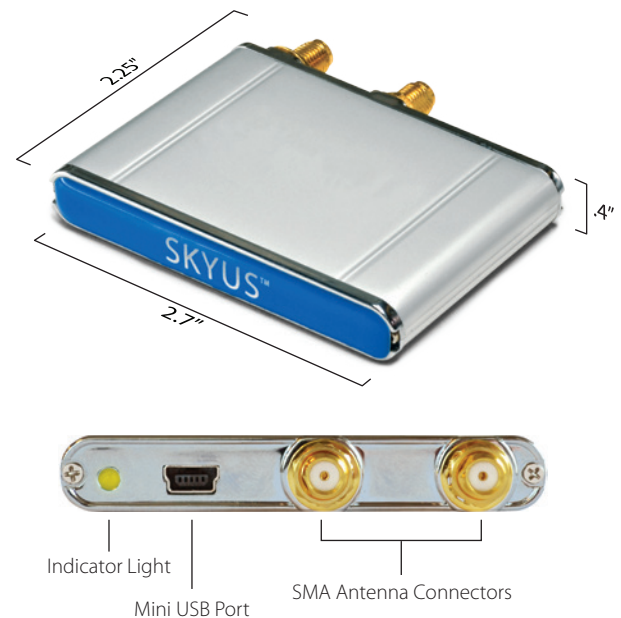
Features:

- Designed for the Internet of Things
- Secure 3G or 4G LTE connectivity
- Easy installation and activation
- USB power optimization
- External SMA antenna ports
- Optional mounting bracket

The Internet of Things Made Easy

The Skyus is a rugged, low-cost modem kit that simplifies integration efforts of adding mobile connectivity in IoT solutions. The Skyus performs like an embedded module, but is a self-contained add-on unit; allowing for a smoother and quicker transition to market. This is accomplished by combining a radio module within an IoT-Ready adapter board that is specifically built for embedded applications.

In contrast to standalone radio modules, the Skyus uses standard USB connections for the physical interface, making it readily compatible with the largest choice of host devices. And unlike consumer grade USB modems, the Skyus has external SMA antenna ports to optimize reception and coverage. Packaged into a lightweight and durable housing, the Skyus is IoT ready.



Specifications

Technology	Skyus 3G		Skyus 4G LTE/XLTE		Skyus 3G Global
Carriers	Sprint, Verizon, AT&T, T-Mobile		Verizon, Sprint, T-Mobile, AT&T, Aeris		Vodafone, Telenor, Telus, Rogers
Chipset	<ul style="list-style-type: none"> MC5728V (CDMA) MC8795V (GSM) 		<ul style="list-style-type: none"> MC7355 (Sprint) MC7354 (Verizon, T-Mobile, AT&T, Sprint, Aeris) 		MC8795V
Band	CDMA	CDMA 1xRTT/EVDO RevA 800/1900 MHz	Verizon	<ul style="list-style-type: none"> LTE (AWS Band 4) LTE 700 (B13) MHz CDMA 1xRTT/EV-DO Rev A 800/1900 MHz 	<ul style="list-style-type: none"> GSM (850/900/1800/1900MHz) WCDMA (800/850/900/1900/2100 MHz)
	GSM	<ul style="list-style-type: none"> GSM (850/900/1800/1900MHz) WCDMA (800/850/900/1900/2100 MHz) 	Sprint	<ul style="list-style-type: none"> LTE 1900 (B25) MHz CDMA 1xRTT/EV-DO Rev A 800/1900 MHz 	
			T-Mobile	<ul style="list-style-type: none"> LTE (AWS Band 2 & Band 4) HSPA+ (AWS Band 2 & Band 4) UMTS (Multi-Band) GSM (Multi-Band) 	
			AT&T	<ul style="list-style-type: none"> LTE (Band 2, 4, 17) HSPA+ (Band 2, 5) UMTS (850MHz, 1900MHz) GSM (Multi-band) 	
Data Rates	CDMA - Peak download speeds of up to 3.1 Mbps and peak upload speeds up to 1.8 Mbps GSM - Peak download speeds of up to 7.2 Mbps and peak upload speeds up to 5.76 Mbps using HSUPA / HSDPA		Peak download speeds of up to 100 Mbps and peak upload speeds up to 50 Mbps*		Peak download speeds of up to 7.2 Mbps and peak upload speeds up to 5.76 Mbps using HSUPA / HSDPA
Hardware	Skyus 3G		Skyus 4G LTE/XLTE		Skyus 3G Global
Dimensions	2.7" x 2.25" x 0.4"		2.7" x 2.25" x 0.4"		2.7" x 2.25" x 0.4"
Weight	1.4 oz		1.4 oz		1.4 oz
Power	USB 2.0 Powered, 2.5W Continuous, 2A Pulse Current		USB 2.0 Powered, 5W Continuous, 2A Pulse Current. USB supports peak current of 1.2 Amps.		USB 2.0 Powered, 2.5W Continuous, 2A Pulse Current
Mounting	Optional Mounting Bracket		Optional Mounting Bracket		Optional Mounting Bracket
Data Interface	USB 2.0 Mini B Connector		USB 2.0 Mini B Connector		USB 2.0 Mini B Connector
Activity	LED x 1		LED x 1		LED x 1
Antenna Connections	SMA Female x 2 – Primary and Diversity		SMA Female x 2 – MIMO		SMA Female x 2 – Primary and Diversity
Operating Temp	-30°C to 60°C		-30°C to 60°C		-30°C to 60°C
Regulatory Approvals	FCC		FCC		IC, FCC, PTCRB, CE, RCM, KC, GITEKI
OS Support	Skyus 3G		Skyus 4G LTE/XLTE		Skyus 3G Global
Windows	<ul style="list-style-type: none"> Windows® Vista 32 and 64 bit Windows® 7 32 and 64 bit 		<ul style="list-style-type: none"> Windows® Vista 32 and 64 bit Windows® 7 32 and 64 bit Windows® 8 (AT&T and Verizon only) 		<ul style="list-style-type: none"> Windows® Vista 32 and 64 bit Windows® 7 32 and 64 bit
Linux	SDK Available, 2.6.32 or newer kernel recommended		SDK Available, 2.6.32 or newer kernel recommended		SDK Available, 2.6.32 or newer kernel recommended, direct IP mode.
Application Software Compatibility	Skyus 3G		Skyus 4G LTE/XLTE		Skyus 3G Global
AT Commands	Yes		Yes		Yes
QMI Interface	No		Yes		No

*Theoretical speeds only. Actual speeds depend on carrier network implementation.