Skyus™ DS2
Specification Sheet

The Skyus DS2 is a small, rugged, low-cost, and high-throughput embedded modem kit that is designed to handle the demanding environments in fixed and mobile applications. With the ability to support all major carriers and multiple carriers at the same time, the Skyus DS2 broadens your reach, extending your brand into new places and spaces with reliable connectivity.

	North America	APAC
Technology		
Regional Coverage	North America, Europe, Middle East, Africa	Asia, Japan, Pacific, Australia, New Zealand
Carrier Approvals*	Verizon, AT&T, T-Mobile, Sprint, Generic EU	Telstra, Optus, Generic APAC
Regulatory Certifications*	FCC, ISED, PTCRB, GCF, CE (RE-D)	CE (RE-D), RCM-ACMA, COM-COM
Cellular Bands	LTE: B1-B5, B7, B12, B13, B20, B25, B26, B29, B30, B41	LTE: B1, B3, B5, B7, B8, B18, B19, B21, B28, B38-B41
	3G (HSPA+, UMTS): B1, B2, B3, B4, B5, B8	3G (HSPA+, UMTS): B1, B5, B6, B8, B9, B19, B39 (TD)
Data Rates	300 Mbps Downlink, 50 Mbps Uplink	
Navigation	GPS (Active, NMEA Protocol), Galileo, Beidou, GLONASS; External GPS Program Required	
Hardware		
Dimensions	82 x 60 x 11 mm (3.22 x 2.375 x 0.42 in)	
Weight	50 g (1.7 oz)	
Power	5 ± 0.25 VDC @ 1A (powered USB 2.0 connection required) via USB Mini-B Connector	
Mounting	Mounting Bracket Accessory is Available, Contact Sales for More Information	
Data Interface	5 ± 0.25 VDC @ 1A (powered USB 2.0 connection required) via USB Mini-B Connector	
Activity	Solid Yellow - Normal State, Fully Powered; Dim/Blinking Yellow - Not Fully Powered, Firmware Issue, Driver Issue; No LED - No Power, Mechanical Failure, No Drivers	
SIMs	2x Accessible 3FF Micro SIMs	
Antennas	2x SMA for Cellular MIMO, 1x SMA for GPS	
Operating Flash Storage Temperature	-40 - 85 C	
OS Support		
Linux	Linux Kernel 2.6 or Later, Raspbian 2 or Later, Ubuntu 14.04 or Later; SDK and Drivers Installation Required	
Windows	Windows 7 or Later; USB Drivers Installation Required	
Reliability	8+ Years Mean Time Between Failure; Designed for Continuous (24x7) Operation	
Partner Certifications		
SD-WAN Partners	Riverbed, VMWare	

*Additional Approvals and Regional Certifications are Required for Additional Carrier Support or Regional Coverage

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