

# 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.

	Americas, Europe, Middle East, Africa	Asia Pacific
<b>Technology</b>		
<b>Ordering SKU</b>	Canada: SKDS2MCAN-R USA: SKDS2MUS-R EU: SKDS2MEMEA-R	Australia, New Zealand, South Korea: SKDS2MAPAC-R
<b>Carrier Approvals*</b>	Verizon, AT&T, T-Mobile, Sprint, TELUS, Generic EU	Telstra, Optus, Generic APAC
<b>Regulatory Certifications*</b>	FCC, ISED, PTCRB	RCM-ACMA, COM-COM
<b>Cellular Bands</b>	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)
<b>Data Rates</b>	300 Mbps Downlink, 50 Mbps Uplink	
<b>Navigation</b>	GPS (Active, NMEA Protocol), Galileo, Beidou, GLONASS; External GPS Program Required	
<b>Hardware</b>		
<b>Dimensions</b>	82 x 60 x 11 mm (3.22 x 2.375 x 0.42 in)	
<b>Weight</b>	50 g (1.7 oz)	
<b>Power and Data</b>	5 ± 0.25 VDC @ 1A (powered USB 2.0 connection required) via USB Mini-B Connector	
<b>Mounting</b>	Mounting Bracket Accessory is Available, Contact Sales for More Information	
<b>Data Interface</b>	5 ± 0.25 VDC @ 1A (powered USB 2.0 connection required) via USB Mini-B Connector	
<b>Activity</b>	Solid Yellow - Normal State, Fully Powered; Dim/Blinking Yellow - Not Fully Powered, Firmware Issue, Driver Issue; No LED - No Power, Mechanical Failure, No Drivers	
<b>SIMs</b>	2x Accessible 3FF Micro SIMs	
<b>Antennas</b>	2x SMA for Cellular MIMO, 1x SMA for GPS	
<b>Operating Temperature</b>	-40°C to 80°C (-40°F to 176°F)	
<b>OS Support</b>		
<b>USB Interface</b>	Qualcomm MSM Interface (QMI), Mobile Broadband Interface Model (MBIM)	
<b>Linux</b>	Linux Kernel 2.6 or Later, Raspbian 2 or Later, Ubuntu 14.04 or Later; SDK and Drivers Installation Required	
<b>Windows</b>	Windows 7 or Later; USB Drivers Installation Required	
<b>Reliability</b>	8+ Years Mean Time Between Failure; Designed for Continuous (24x7) Operation	
<b>Partner Certifications</b>		
<b>SD-WAN Partners</b>	Riverbed, VMWare	

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