

# 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.

### Specifications

Technology		
<b>Approved Carrier Firmware</b>	Verizon, AT&T, Sprint, T-Mobile, Bell*, Rogers*, US Cellular*, Telus*, Vodafone	
<b>Radio Module</b>	Sierra Wireless MC7455	
<b>Regulatory</b>	FCC, PTCRB, IC, GCF*, CE	
<b>Cellular Bands</b>	4G LTE Bands (FDD/TDD LTE, Cat-6)	1, 2, 3, 4, 5, 7, 8, 12, 13, 20, 25, 26, 30, 41
	Band Aggregation	1+8; 2+(2,5,12,13,29); 3+(7,20); 4+(4,5,12,13,29); 7+(7,20); 12+30; 5+30; 41+41
	3G Bands (DC-HSPA+, Cat-3)	1, 2, 3, 4, 5, 8
<b>Data Rates</b>	Cat 6 LTE can provide peak download speeds of up to 300 Mbps and peak upload speeds up to 50 Mbps†	
<b>Navigation</b>	GPS (Active, NMEA Protocol), Galileo, Beidou, GLONASS	
OS Support		
<b>Windows</b>	<ul style="list-style-type: none"> <li>Windows® Vista, 32 and 64 bit</li> <li>Windows® 7, 32 and 64 bit</li> <li>Windows® 8/8.1</li> <li>Windows® 10</li> </ul>	
<b>Linux</b>	Linux kernel 2.6.32 or later required	

Hardware	
<b>Dimensions</b>	3.22" x 2.375" x 0.42"
<b>Weight</b>	1.7 oz
<b>Power</b>	5 ± 0.25V (Max. 5W @ 1A) Power over USB 2.0
<b>Mounting</b>	Optional Mounting Bracket
<b>Data Interface</b>	USB 2.0 Mini B Connector
<b>Activity</b>	1x Yellow Status LED States: <ul style="list-style-type: none"> <li>Solid – Normal/ready state</li> <li>Blinking/Dim – Insufficient power, firmware or drivers needed, or disconnected</li> <li>Off – No power or device failure</li> </ul>
<b>SIM Interfaces</b>	2x User accessible 3FF micro-SIM slots
<b>Antenna Connections</b>	2x SMA for MIMO Cellular 1x SMA for GPS
<b>Operating Temp</b>	-30° C to 70° C
Application Software Compatibility	
<b>AT Commands</b>	Yes
<b>QMI Interface</b>	Yes
<b>Device Management</b>	Local: Skyus Watcher Utility Remote: Crossroads (Cloud-based Management Platform)

\* Pending.

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