

## Specifications

PHYSICAL	
<b>Material</b>	2-piece ABS enclosure
<b>Dimensions (L x W x H)</b>	5.5 x 3 x 0.4 inches 140 x 75 x 19 mm
<b>Weight</b>	4 ounces, 113 grams
<b>Power/Aux Connector</b>	20-pin 3mm Molex
<b>Data Connector</b>	10-pin 3mm Molex
ELECTRICAL	
<b>Operating Voltage</b>	8 to 30V DC
<b>Power Consumption (typical, @ 12.8 vdc)</b>	<ul style="list-style-type: none"> <li>• Operating: 95mA (avg), 680mA (peak Tx)</li> <li>• Standby 2 35mA (SMS/UDP wake-up)</li> <li>• Standby 1 13mA (local wake-up)</li> <li>• Sleep &lt;2mA (local wake-up)</li> </ul>
ENVIRONMENTAL	
<b>Operating Temperature</b>	-20°C to +65°C / -4°F to +149°F (without battery)
<b>Storage Temperature</b>	-40°C to +85°C / -40°F to +185°F
<b>Humidity</b>	5 to 95% non-condensing
<b>Shock and Vibration</b>	SAE J1455
<b>EMC/EMI</b>	SAE J1113
GPS TECHNOLOGY	
<b>GPS Receiver</b>	56 Channel L1 C/A Code, WAAS/SBAS
<b>Tracking Sensitivity :</b>	-161dBm Tracking, Nav, Reacquisition -160dBm Reacquisition -148dBm Cold start (un-aided)
<b>Horizontal accuracy</b>	2.5m, 2.0m SBAS (CEP 50%)
<b>Time-to-first-fix</b>	29s (@ -130dBm, Cold start)
CELLULAR OPTIONS	
	LTE Cat 1 (B2, B4, B5, B17)
	HSPA+ (B2, B5)
INPUTS/OUTPUTS	
<b>Digital Inputs</b>	5 (3 hi, 2 low)
<b>Relay Drive Outputs</b>	2 (150mA max. each)
<b>Switched output</b>	1 (1.2A max.)
<b>LED drive Output</b>	1
<b>RS-232 port</b>	1 (5-wire)
<b>Status LED's</b>	2
<b>1-Wire</b>	Dallas iButton, Temp Sensors
REGULATORY APPROVALS	
	FCC, IC, PTCRB

Specifications subject to change without notice.

### About Sierra Wireless

Sierra Wireless (NASDAQ: SWIR) (TSX: SW) is an IoT pioneer, empowering businesses and industries to transform and thrive in the connected economy. Customers Start with Sierra because we offer a device-to-cloud solution, comprised of embedded and networking solutions seamlessly integrated with our IoT services. OEMs and enterprises worldwide rely on our expertise in delivering fully integrated solutions to reduce complexity, turn data into intelligence and get their connected products and services to market faster. Sierra Wireless has more than 1,400 employees globally and operates R&D centers in North America, Europe and Asia. For more information, visit [www.sierrawireless.com](http://www.sierrawireless.com).

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