



Digital Cellular Phones

CDMA, 3G GSM, and 4G LTE

Rugged, Reliable, and Ready for any Application



Cellular communication is a convenient alternative for mobile applications or for locations where ordinary phone lines are not established. Cellular communication is advantageous over RF systems because an FCC-assigned frequency is not required.

For cellular systems outside the U.S, you should consult with a Campbell Scientific applications engineer to determine whether this system is compatible for use in a particular country.

MAJOR SPECIFICATIONS

RAVENXTV | Sierra Wireless CDMA Cellular Digital Modem



RV50 | Sierra Wireless Industrial 4G LTE Cellular Gateway



	Carrier Approval	Network	Frequency	Current Drain at 12 Vdc
RAVENXTV Sierra Wireless CDMA Cellular Digital Modem	Verizon	CDMA 1xRTT, EVDO Rev. A, CDMA IS-95, dual band	1850 to 1910 MHz 824 to 849 MHz	<u>Dormant (idle for 10 to 20 s)</u> 50 mA <u>Transmit/Receive</u> 120 mA
RV50 Sierra Wireless Industrial 4G LTE Cellular Gateway	Verizon, AT&T, T-Mobile USA, Rogers, Bell, and Telus	4G LTE with automatic fallback to 3G and 2G LTE, CDMA/EV-DO, and GSM/GPRS/EDGE/WCDMA	1700 to 2100 MHz 700 to 900 MHz	<u>Typical Enable / Ignition Sense Low</u> 1 mA <u>Typical Idle:</u> 65 to 95 mA, depending on configuration <u>Typical Active</u> 250 to 300 mA, depending on configuration

