



## PUBLIC SAFETY LTE

# UM1000 LTE USB MODEM

Today, the most advanced mobile broadband technologies are available to public safety, delivering unprecedented field access to real-time multimedia information – from CAD to fingerprint look-up to streaming live video. The UM1000 LTE USB Modem allows any user with a mobile workstation or notebook PC to connect to a Public Safety LTE network.

The UM1000 modem is a small USB device with multiple-input multiple-output (MIMO) antennas built in. The radio design has been optimized to provide enhanced radio performance and maximize throughput, and the LTE modem incorporates advanced filtering techniques to guard against interference with wireless devices using adjacent frequencies. The UM1000 modem plugs into a PC's USB port to connect the PC to a Public Safety LTE mobile broadband network and draws power directly from the USB port.

### KEY BENEFITS

- Virtually instant connectivity to Public Safety LTE (Band Class 14) networks
- Compatible with wide variety of computing devices
- Supports bandwidth-intensive applications like constant data connectivity and real-time streaming video
- MIMO (Multiple-In Multiple-Out) antennas improve data throughput
- Connection manager software installs automatically
- Over-the-air software upgradeable
- Perform firmware updates over the air or via USB

**PRODUCT SPEC SHEET**  
UM1000 LTE USB MODEM

**SPECIFICATIONS**

Band Class	700 MHz Band Class 14	Host Interface	USB 2.0 Uses USB Type A plug
Channel Bandwidth	5 MHz and 10 MHz	Authentication	Universal Subscriber Identity Module (USIM)
Duplex Mode	Frequency-division duplexing (FDD)	Connection Manager Software	On compatible host computers, installs automatically when modem is plugged into the USB port
User Equipment Category	Category 3 UE	Compatible Operating Systems	Microsoft® Windows® 7 Microsoft Windows XP
Transmit Power	23 dBm (power class 3)	Operating Temperature	14 to 104°F (-10 to 40°C)
Radio Performance	3G PPT S 36.101 compliant	Storage Temperature	-4 to 149°F (-20 to 65°C)
Standards Compliance	3GPP R8 LTE compliant 3GPP R9 compliance via future software upgrade	Humidity	0 to 90% non-condensing
Radio Configuration	1 Tx / 2 Rx	Standards and Regulatory Approvals	FCC for North America UL®
Antenna	Built-in MIMO antennas		
Dimensions	3.31 in x 1.55 in x 0.63 in (84.2 mm x 39.4 mm x 16 mm)		
Weight	2.1 oz (60 g)		

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