

**Global
End-Device
Certified SMT
Cellular Modem**

JANUS REMOTE
COMMUNICATIONS

The World's First Global End-Device Certified Surface Mounted Embedded Cellular Modem – Janus CellBridge SMT

Enjoy the secure feeling of incorporating wireless technology into your application in the most efficient, cost-effective manner!

The Janus CellBridge SMT allows end users to assemble “end device” certified embedded cellular modems right onto application PCBs. No more hand assembly. No more modem pin connection issues in the field. Our CellBridge SMT units are designed to be placed during the primary pick & place assembly process, like all other primary BOM components.

The CellBridge SMT offers global frequency bands for global deployment, supporting dual mode Cat M1/NB2 (NB-IoT) and 2G fallback. It is highly recommended for new designs and is also ideal as a migration path for existing GPRS or CDMA devices. Both current and updated designs benefit from a significant extension in life cycle with LTE Cat M1/NB2.

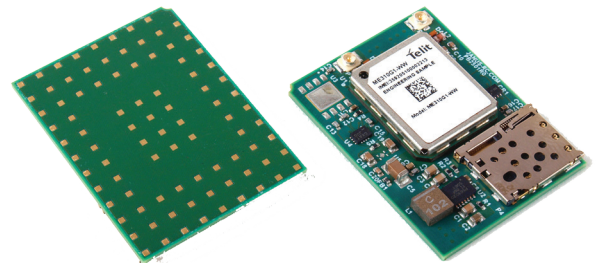
The CellBridge SMT Modem also includes a state-of-art receiver that can simultaneously search and track satellite signals from multiple satellite constellations. This multi-GNSS receiver uses the entire spectrum of GNSS systems available: GPS, GLONASS, BeiDou, Galileo, and QZSS.

The 2 UFL connectors located on the front of the modem allows users to cable the antennas appropriately for specific designs. A 4ff SIM card holder is available for manual SIM insertion and SIM IC pads are available if the user prefers a surface mount SIM solution.

CellBridge SMT Features (Part Number: LTE310SMT v1.00)

89 Pad LGA PACKAGE

- Ships in Tape and Reel
- 26mm x 35mm
- Lowest Modem Total Cost of Ownership (TCO)
- End Product Certification (in progress)
- Excellent Shock and Vibration (vs. connector units)
- Mobile IoT 3GPP Rel14-LTE CAT-M1, NB1, NB2
- Telit OneEdge Ready (see OneEdge info on back)
- Qualcomm 9205 Chipset



Making machines talk.

CellBridge™
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Division of Connor-Winfield Corporation

2359 Diehl Road • Aurora, Illinois 60502
630.499.2121 • info@janus-rc.com

www.janus-rc.com

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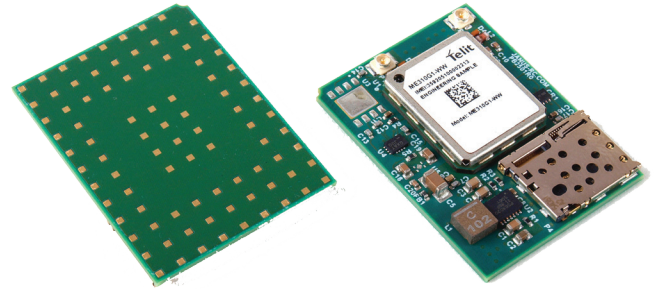
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Telit OneEdge™ Availability **ONEEDGE**®

Telit offers ME910G1 with OneEdge, a software suite integrated with deployment and management tools to address the complexity expected with the exponential growth in the number of IoT devices. The following components include:

- **Lightweight M2M protocol** enables comprehensive device management, FOTA updates and application enablement of low-power devices with the goal of more robust and secure connections.
- **Telit simWISE™**, a module-embedded SIM technology, enables reduced footprint, streamlined manufacturing and logistics, secure communications for connected devices.
- **Telit IoT AppZone** can run code and applications directly inside the Telit module.
- **Telit's Connection Manager** automates operations for connection to cellular networks.
- **Location services** provide the position of devices even in the absence of a GNSS connection.



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