

JANUS REMOTE COMMUNICATIONS

The World's First Global End-Device Certified Surface Mounted Embedded Cellular Modem

The Janus CellBridge™ SMT modem makes it easier than ever for customers to integrate 4G LTE cellular technology into their end applications. They are specifically designed to be machine placed during the pick & place production process. No more hand assembly or pin connection issues in the field.

The CellBridge™ SMT can be deployed globally with their dual mode LTE Cat M1/NB2 (NB-IoT) and 2G fallback frequency bands. They are highly recommended for new designs and are an ideal migration path for existing 2G or 3G devices. Both current and updated designs benefit from a significant extension in life cycle with LTE Cat M1/NB2.

LOWEST TOTAL COST OF OWNERSHIP

The CellBridge™ SMT has the lowest TCO among all embedded cellular modems.

- Lowest modem cost among competitive products.
- Lowest assembly cost as a pick & place component.
- No further certification requirements for most deployments.

“NO TOUCH” OPTION SAVINGS

Enjoy a carefree embedded modem experience while saving money with our “No Touch” modem plans. Let Janus install SIM cards into your devices during our production, test your units for functionality, seal device safely into their tape pocket and load them onto anti-static reels. We can activate Janus data plans for each device when you complete your production process and are ready to ship.

- No more embedded modem installation issues.
- Reduced field failures due to the enhanced connectivity offered by SMT technology.
- Significant gains in your product life expectancy realized through efficiency and technology.

CellBridge™
Global Cellular Modem Solutions



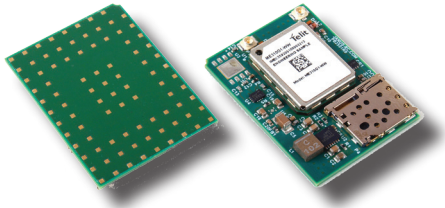
Janus Remote Communications

Division of Connor-Winfield Corporation

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The **CellBridge™ SMT** includes an optional state-of-art GNSS receiver that can simultaneously search and track satellite signals from all available satellite constellations: GPS, GLONASS, BeiDou, Galileo, and QZSS.

CellBridge SMT Features

- 89 Pad LGA PACKAGE
- 26mm x 35mm
- Two UFL Connectors (LTE/GNSS)
- SIM Card Holder (4ff)
- SIM IC (MFF2 optional)
- Embedded GNSS (optional)
- 3GPP release 14 compliant
- Uplink up to 1Mbps
- Downlink up to 588Kbps
- Temperature range: -40°C to 85°C
- Qualcomm 9205 Chipset
- Tape and Reel Shipping
- Flexible 2.5V to 5.0V Power Supply Range
- 1.8V Signal Interface Level

Units are Verizon, AT&T, PTCRB, FCC, and ISED (Industry Canada) certified. Units also include Radio Equipment Directive (RED) and CE certification for Europe and beyond. Several SIM options are available for multiple network deployments.

CellBridge™ SMT Ordering Information

LTE310SMT v1.00 TBH4L (GNSS capable version)
LTE310SMT v1.00 TBH4LN (Non-GNSS version)

CellBridge™

Global Cellular Modem Solutions

Telit OneEdge™ Availability **ONEEDGE**®

Telit offers ME310G1 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.



Making machines talk.

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