JANUS REMOTE COMMUNICATIONS

T3 Series
Modem Terminal

Description

The T3 is a low cost cellular terminal incorporating a Janus CF footprint modem in a compact, rugged aluminum enclosure. Powered by 5 Vdc and offering USB and Serial connectivity, the T3 allows for easy integration into any M2M/IoT application.

Incorporating carrier certified Janus Plug-in Modems, the T3 provides a hardware solution with direct access to the cellular network of your choice: LTE Cat 1 or Cat M. Also, External connectors allow the customer to choose the precise antenna for their application needs.

The T3 was specifically designed to provide customers with a low cost method of globally retrieving critical data from remote equipment and applications.

Applications

All remote equipment and application monitoring solutions
- Fleet management
- Teleservice
- Security systems
- Telematics
- Telemetry and telecontrol
- Remote monitoring systems
- Remote meter reading
- Vending machines
- POS Terminals

Features

- Utilizes Socket Modem devices to allow multiple technologies.
  - LTE Cat 1 or Cat M
- Rugged aluminum enclosure with mounting slots
- Dimensions: 5.21" x 2.35" x 1.18"
- Operating Temperature Range : -40°C to 85°C
- Operating Voltage: 5.0 VDC
- User Interfaces
  - RS-232 9-pin Sub D
  - USB B Female
  - 2.5mm Pitch shrouded header
  - Power terminal connector (4 position)
  - Cellular Antenna (SMA)
  - Cellular Rx Diversity (SMA)
  - GPS Antenna (MCX)

Telit
is in it.

Making machines talk.

Specifications

Environmental
- Operating Temperature: -40°C to 85°C

Physical Interfaces
- Connectors
  - RS-232 9-pin Sub D
  - 4 Position 2.5mm Power Header
  - Cellular Antenna Jack (SMA)
  - Cellular Rx Deiversity (SMA)
  - GPS Antenna Jack (MCX)

Enclosure
- Rugged Aluminum
- 5.21" x 2.35" x 1.18"
- Mounting flanges

Performance
- Operating Voltage:
  - 4.75 to 5.25VDC
- Data Interfaces
  - TCP
  - UDP
  - PPP
  - AT commands

AT Command Set
- Hayes standard AT command set
- Telit proprietary commands

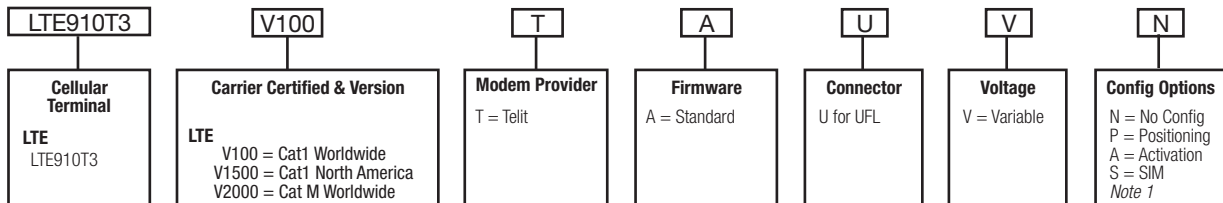## Approvals – Certifications
- AT&T & Verizon
- RED (Cat M module)

GPS Receiver
- GPS, Galileo, GLONASS, Beidou, QZSS
- NMEA Data
- GPS fix on demand
- Dedicated GPS antenna connection for optimal GPS performance with active antenna support

Ordering Information

LTE910T3	V100	T	A	U	V	N
Cellular Terminal **LTE** LTE910T3	**Carrier Certified & Version** **LTE** V100 = Cat1 Worldwide V1500 = Cat1 North America V2000 = Cat M Worldwide	**Modem Provider** T = Telit	**Firmware** A = Standard	**Connector** U for UFL	**Voltage** V = Variable	**Config Options** N = No Config P = Positioning A = Activation S = SIM *Note 1*

Example: Part Number – **LTE910T3V100TAUVN** =
LTE Intelligent Cellular Terminal; CAT1 Worldwide Certified; Telit Modem; Standard Firmware; UFL Connector; Variable Voltage; Standard Cofig

Notes:

*1. **Config Options:** Provisioning is turning on a device on the network. **Activation** is assigning MEID's to a customer account. **SIM** designation is for installation of the SIM*

Contact Sales for Additional Special Order Options: Bill Borton: bborton@janus-rc.com | 630-499-2121

Revision History

Revision	Revision Date	Note
A00	11/18/2014	Advanced T3 Product Brief
A01	07/13/2015	Updates to Specs and Ordering Information
00	05/25/2017	Updates to Ordering Information
01	07/26/2018	Updates to Description and Ordering Information
02	11/06/2019	Removal of CAT3 products
03	03/15/2023	Updated Contact Information
04	12/05/2023	Updated Specifications and Ordering Information

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