

JANUS

REMOTE
COMMUNICATIONS

Terminus T3 Series Terminal Modem

Description

The Terminus T3 is a low cost cellular terminal housed 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: GSM/GPRS, EDGE, UMTS, HSPA, EVDO, or LTE. 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 the Common Footprint devices to allow multiple technologies.
 - CDMA 1xRTT
 - EVDO (fallback to 1xRTT)
 - HSPA Penta-Band
 - GSM/GPRS, EDGE, UMTS, HSPA+
 - LTE
- Rugged aluminum enclosure with mounting slots
- Dimensions: 5.2142"x 2.350" x 1.81"
- Operating Temperature Range : -40°C to 80°C
- Operating Voltage: 5.0 VDC
- Average Current Consumption: TBD
- User Interfaces
 - RS-232 9-pin Sub D
 - USB B Female
 - 2.5mm Pitch shrouded header:
 - P/N OSTOQ041251
 - * 2 Position Power
 - * 2 Position External ON/OFF Input
 - Cellular Antenna (SMA)
 - Cellular Rx Diversity (SMA)
 - GPS Antenna (MCX)

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Bulletin	JA19-PB
Revision	A01
Date	13 July 2015



Making machines talk.

Specifications

Environmental

- Operating Temperature: -40°C to 80°C

Physical Interfaces

- Connectors
 - RS-232 9-pin Sub D
 - 4 Position 2.5mm Shrouded Header
 - GSM Antenna Jack (SMA)
 - Cellular Rx Diversity (SMA)
 - GPS Antenna Jack (MCX)

Enclosure

- Rugged Aluminum
- 5.214" x 2.35" x 1.811"
- Mountable with 2-#6 screws

AT Command Set

- Hayes standard AT command set
- Telit proprietary commands

Performance

- Operating Voltage:
 - 4.75 to 5.25VDC
- Data Interfaces
 - Direct access
 - TCP
 - UDP
 - SLIP
 - PPP (using direct access)
 - AT commands

Approvals – Certifications

- N/A

Python Application Resources

- Available on some versions

GPS Receiver

- Standard GPS
- gpsOne®
- NMEA Data
- GPS fix on demand
- Dedicated GPS antenna connection for optimal GPS performance with active antenna support



Terminus Models & Ordering

Ordering	Description
HSPA910T3 v1.0	HSPA+/UMTS/EDGE/GPRS/GSM (AT&T Certified)
EVDO910T3 v3.0	EV-DO (Verizon)
CDMA910T3 v2.0	CDMA-1xRTT (Sprint)
CDMA910T3 v3.0	CDMA-1xRTT (Verizon)
CDMA910T3 v4.0	CDMA-1xRTT (Aeris)
LTE910T3 v1.0	LTE (AT&T)
LTE910T3 v2.0	LTE (Sprint)
LTE910T3 v3.0	LTE (Verizon)

Revision History

Revision	Revision Date	Note
A00	11/18/2014	Advanced T3 Product Brief
A01	07/13/2015	Updates to Specs and Ordering Information

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