

Tera

- Iridium® communications solution
- Rugged and dependable design

metOcean
telematics

iridium®



TELEMATICS

The Tera modem integrates the powerful Iridium 9523 L-Band transceiver, providing users with an easy solution to communicate data over the network using SBD, CSD, and RUDICS. The Tera modem solution allows for SIM or SIMless based operation.



TECHNICAL SPECIFICATIONS

PHYSICAL

Dimensions	3.82" L x 2" x 1.125" W
Weight	<200g
I/O Interface	DB15 / RS232 / 3.3V UART
Iridium Antenna	SMA Threaded
Enclosure	Aluminum

DATA I/O

MO Message Size	1960 bytes/message
MT Message Size	1890 bytes/message
Interfaces	DB15 / RS232 / AT Commands

ENVIRONMENTAL

Operating Temperature	-30C to +70C
Operating Humidity	≤ 75% RH
Storage Temperature	-40C to +85C
Storage Humidity	≤ 93% RH

ELECTRICAL

Input Voltage	+4.5VDC to +32VDC
Standby Current	15 mA
Peak Current	2.5 A
Average Transmit Current	300 mA
Output	Fused 5v switched power
Radio Frequencies	1616 to 1626.5MHz (Iridium 9523)

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