

# 9603

- Iridium communications transceiver
- Rugged and dependable design

metOcean  
telematics

iridium®



The Iridium 9603 is the world's smallest commercially available two-way transceiver. The 9603 makes use of a SIM-less design for the highly reliable SBD packet data service. It is designed for innovative applications where weight and size are the primary requirements and communication is critical.



## TECHNICAL SPECIFICATIONS

PHYSICAL	
Dimensions	70.6mm x 49.5mm x 27.3mm 2.78" L x 1.95" W x 1.075" H
Weight	100 g
I/O Interface	15-Pin D-SUB / RS232
Iridium Antenna	SMA Threaded
Enclosure	Aluminum

DATA I/O	
MO Message Size	340 bytes/message
MT Message Size	270 bytes/message
Interfaces	RS232 / AT Commands Relay driven power control

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

ELECTRICAL	
Input Voltage	+4.5VDC to +32VDC
Input Ripple	< 40 mVpp
Standby Current	5 mA
Peak Current	600 mA
Average Transmit Current	90 mA
Radio Frequencies	1616 to 1626.5MHz (Iridium 9602)

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