

9603

- Iridium communications transceiver
- Rugged and dependable design



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	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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