

Hecto

- Iridium® communications solution
- Rugged and dependable design



The HECTO, fully certified by Iridium, is a satellite modem comprised of an Iridium 9602 transceiver with extended input voltage range. It allows short-burst data (SBD) connectivity to the Iridium satellite network and does not support voice, circuit switched data, or short message service (SMS). The HECTO can be controlled by any data terminal equipment (DTE) capable of sending standard AT commands via an RS232 serial port. Key features of the HECTO include:

- Does not incorporate nor need a SIM card to operate
- Offers a maximum mobile originated (MO) message size of 340 bytes
- Offers a maximum mobile terminated (MT) message size of 270 bytes
- Supports RS232 serial connection
- Capable of voltage range from +8 VDC to +30 VDC



TECHNICAL SPECIFICATIONS

PHYSICAL

Dimensions	3.50"L x 1.98"W x 1.075"H
Weight	5 oz
I/O Interface	15-Pin D-SUB
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

ENVIRONMENTAL

Operating Temperature	-40C to +185C
Operating Humidity	≤ 75% RH
Storage Temperature	-40C to +185C
Storage Humidity	≤ 93% RH

ELECTRICAL

Input Voltage	+8 VDC to +30 VDC
Input Ripple	< 40 mVpp
Standby Current	45 mA @ +5.0 VDC Avg.
Peak Current	1.5 A @ +5 VDC Avg.
Transmit	190 mA @ +5.0 VDC

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