

INDUSTRIAL GRADE MODEMS

IGM 56L Modem

Low Power DC or AC with DIP Switches

Features

- Low Power consumption typical < 500 mw
- Power down modes automatic
 - * Standby 300 mw, instant wake up
 - * Trickle 60 mw wake up on Tx or Ring
- DIP Switch configurable (No PC required)
- Vary wide voltage options:
 - * 9 to 36 VDC or 20 to 150 VDC
 - * 100 to 240 VAC
- Galvanically isolated power, no ground loops
- Power "Brown Out" protection and recovery
- Modem "AT" command set compatible
- Serial interface DB-9 RS232

Applications

- Monitor flow & level of gas, water, oil, etc
- Agricultural, weather stations, earthquake, flood control, marine tidal flow, noise, traffic controllers, message signs, vending machines, factory automation, power stations and too many more to mention.

Overview

IGM Low powered series of ruggedized modems enable any equipment, including PLCs and RTUs to be connected and monitored remotely via an ordinary phone line. These modems are remarkably easy to set up with built-in DIP switches. No PC is required unless you want to set the AT commands. To conserve power the unit goes into a standby mode after 10 seconds of inactivity and a trickle mode after another 30 seconds. This makes it very suitable for use in solar powered applications. IGM low powered modems have an active watch dog timer and a reset circuit that allows it to handle power "Brown out" conditions.



Specifications

Maximum Data throughput up to 212 Kbps
Data Speed up to 56 Kbps
Data compression MNP 2-5, V42, V42bis
Error Correction MNP10
Interface RS232 Asynchronous
Power consumption normal mode 800mw,
Standby mode 300mw, Trickle mode 60mw
Max current 15 ma@ 48VDC
Size 6 x 3.7 x 1.6 inches
Operating Temperature -30C to +65C
Storage Temperature -40C to +70C
Humidity 0-90% RH non-condensing
Power options (Specify on order)
9-36 VDC
20-150 VDC
100-240 VAC

Contact us at:

Industrial Grade Modems

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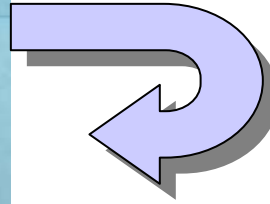
Fax: 949-270-1500

Email: sales@industrial-grade-modem.com

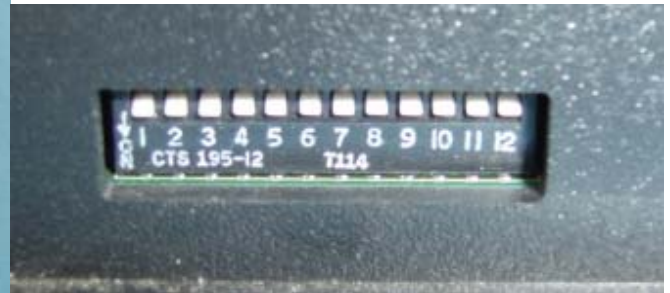
Web: www.industrial-grade-modem.com

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DIP Stitches are on side of case



Instructions for settings are Printed on label



Optional AC Power adapter with locking connector

Industrial Grade Modems has an extensive line of network and modems for every application. Visit our web site www.industrial-grade-modem.com or call us at: (949) 463-6560 and let us assist you with our solutions.

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