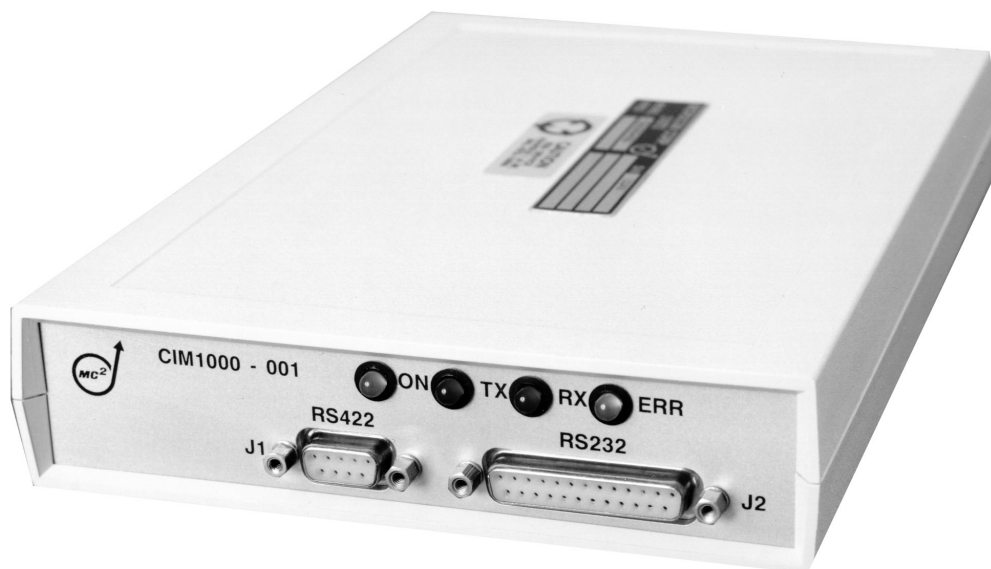




The CIM1000 Computer Interface Module was designed for use with L-3 Communication's PCM24B and PCM200 Series Pulse Code Modulation Encoders. The CIM1000 provides serial to parallel conversion of the hexadecimal programming instructions required to perform frame format and data channel setup of the PCM Encoders.

The PCM24B and PCM200 Series Encoders, which utilize EEPROM to store the frame format and channel parameter information, can be easily reconfigured in the field using a PC, the CIM1000, and the supplied software package.



communications

CIM1000

- The CIM1000 supports the following communications capabilities:
 - 9600 baud rate communication
 - Communications Port Selection - Port 1 or 2
 - RS-232 or 422 protocol
 - Transmit and Receive
- The software included with the CIM1000 is a menu driven package that can be used with the following minimum PC configuration requirements:
 - IBM PC/At compatible machine
 - DOS 5.0 operating system
 - 640kb of conventional memory
 - 4Mb of extended memory
 - VGA color graphics capability
- The software package allows individual channel gain and offset programmability as well as PCM Frame Format programming of the following parameters:
 - Bit Rate
 - Bits per Word
 - Words per Frame
 - Number of Minor Frames
 - Number of Synchronization Words
 - Frame and Sub-Frame Sync Pattern and Location
 - PCM Frame Format including Super and Sub-Commutation

PCM1000 Outline Drawing

