

Blue Chip Technology



DATA

ACQUISITION CARDS

AIP-24

24 Channel 12 Bit Analogue Input Card

The AIP-24 provides 24 differential 12 bit analogue inputs. It is suitable for measuring voltages in the ranges of 0-10, -5 to +5 or -10 to +10 volts.

- 24 Single ended or 12 differential channels
- 12 Bit ADC uni/bi-polar operation
- Up to 8 μ S conversion
- 20KHz throughput
- Programmable gain amplifier
- Sample and holder amplifier
- 50 Way IDC connector
- Available with DLL for Windows



Options

- 50 way screw terminal adapter
- 1 metre cable with IDC connector
- Windows 3.1 DLL driver

Technical Specification

Input Channels:	24 single or 12 differential
Maximum input voltage:	12 Volts
Input ranges:	$\pm 10V$, $\pm 5V$, 0-10V
Gains:	1,10,100
ADC resolution:	12 bit
Conversion Time:	25 μ S
Throughput:	20KHz (typical)
Common mode rejection:	10 Volts
Power requirements:	5 Volts DC @ 500mA typical
Height:	107mm
Length:	132mm
Connectors:	50 way male IDC header



3
YEAR
WARRANTY

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