

AIM - Analog Input Module



INTRODUCTION



The **AIM** is a very economical RS485 networked device for sensor input data gathering for monitoring* purposes. The inputs are universal and can be configured as Analogue, Thermistor or Digital.

This enables very flexible monitoring for automated central data collection with the SuperVZR web server, VisION PC based HMI or HMI Touch Screen Supervisor range. The **AIM** is ideal but not limited for use in **Schools, Hotels, Hospitals, Offices, University Campuses, Residential.**

FEATURES

- High density, 32 Universal Inputs, jumper configured and with LED indication
- Compact and rugged DIN mounted module with plug terminals and auxiliary 24VDC supply
- Up to 254 different devices on a single RS485 network giving huge point monitoring capability.
- Up to 254 Micron controllers per the **AIM's** local twisted pair RS485 network and up to 4 Ethernet ports available on the **BACnet** and **Modbus** compatible **SuperVZR** to meet the control needs of all building projects.
- Easily to configure with free issue utilities.
- **Modbus** RS485 compatibility makes the **AIM** ideal for interfacing most 3rd party SCADA and BAC systems.

SPECIFICATIONS

Power Supply	ION AIM	24VAC \pm 20%, 50-60Hz
Universal Inputs	Analog	0-5V ** ; 0-10v, 0-20mA  =(default)
	Digital & Thermistor 1- 32	Dry contact & 10K  =(set internal jumper) read registers 100 - 131 ** = default jumper setting & config. by software.
Configuration	Address	register 6 (Default = 254)
	Baud Rate Inputs 1-32	register 15 (1=19200, 0=9600) registers 228 - 259 (0=raw data**, 1=10K C, 2=10K F, 3= 0-100%, 4=ON/OFF, 5=OFF/ON)
Serial	RS485	2 Wire Multi drop shielded twisted pair
	Baud Rate Data Bits Parity Stop Bits	9600 or 19200 (Default) 8 None 1
Temperature	Operating Temperature.	10°C to + 50°C
	Storage Temperature	2 °C to + 50°C
Connectors	Power and Coms.	Plug Terminal screw connectors
Mounting	DIN Rail	DIN EN 50 022
Weight		300g

CONNECTIONS AND DIMENSIONS

