

IP Device Server



INTRODUCTION

The **IP** is a low-cost Ethernet to RS485 network device server that provides Internet and intranet networking for the Micron range of DDC controllers. This enables remote monitoring, control and programming of an BMS and automated central data collection with the SuperVZR web server. The **IP** is ideal but not limited for use in **Schools, Hotels, Hospitals, Offices, University Campuses, Residential**.

FEATURES

- With **Micron** controller, a very cost effective solution for remote monitoring and control of unoccupied facilities such as telecoms stations etc.
- RS485 length restriction overcome by utilizing Ethernet making it ideal for retrofit building projects with already installed Ethernet LAN.
- Simple IP setup and configuration via standard web browser
- Up to 254 Micron controllers per the **IP**'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.
- powerful graphical programming flexibility via **IP** enabling complex programming strategies to be quickly created and easily deployed over local or remote Ethernet networks.
- Native **Modbus** RS485 compatibility makes the **IP** ideal for interfacing into most 3rd party SCADA and BAC systems.

SPECIFICATIONS

Power Supply	IP	90mA @ 10VDC / 40mA @ 26VDC
Ethernet	10/100 Mbps/s Connector	10/100Base-TX RJ45
Configuration	Setup Address (default) Config. Address (default)	192.168.0.112/index.htm 192.168.0.112/ip.htm
Serial	RS232 RS485 Baud Rate Data Bits Parity Stop Bits	3 Wire , TX,RX,GND 2 Wire Multi drop twisted pair 2400, 4800, 9600, 19200, 38400, 57600, 115200 5, 6, 7, 8. None, Even, Odd. 1, 2.
Temperature	Operating Temperature. Storage Temperature	-10°C to + 50°C -40°C to + 85°C
Connectors	Power and Comms.	8 way screw connector
Mounting	DIN Rail	DIN EN 50 022

DIMENSIONS AND CONNECTIONS

