

# BACnet/Modbus Gateway

## External Communication Protocol Instruction Manual



### BACnet/Modbus Gateway External Panel

Developed by SE Controls for integration into Building Management Systems (BMS) the BACnet/Modbus Gateway enables communication between our products and components utilised in Smoke and Environmental Control Systems.

This, in turn, allows data from our products and controllers to be made available to Building Managers, but also allows the BMS to control our devices via read/write functionality.

The BACnet/Modbus Gateway:

- Satisfies the demand for system components to communicate with BMS systems
- Eliminates the need for 0-10V control device by device
- Allows the integration of Cloudlink™ and Sceptre into a system
- Reporting fault activations and NV position
- Able to receive third-party oppositional demands
- Compatible with OS2, OSLoop and Fan Control Panels

# Contents

## 1. Specification

2.1.	Technical Data	3
------	----------------	---

## 2. Installation and Commissioning

2.1.	Technical Drawing	4
2.2.	Panel Layout	4
2.3	Schematic	5

## 1. Specification

### 1.1 Technical Data

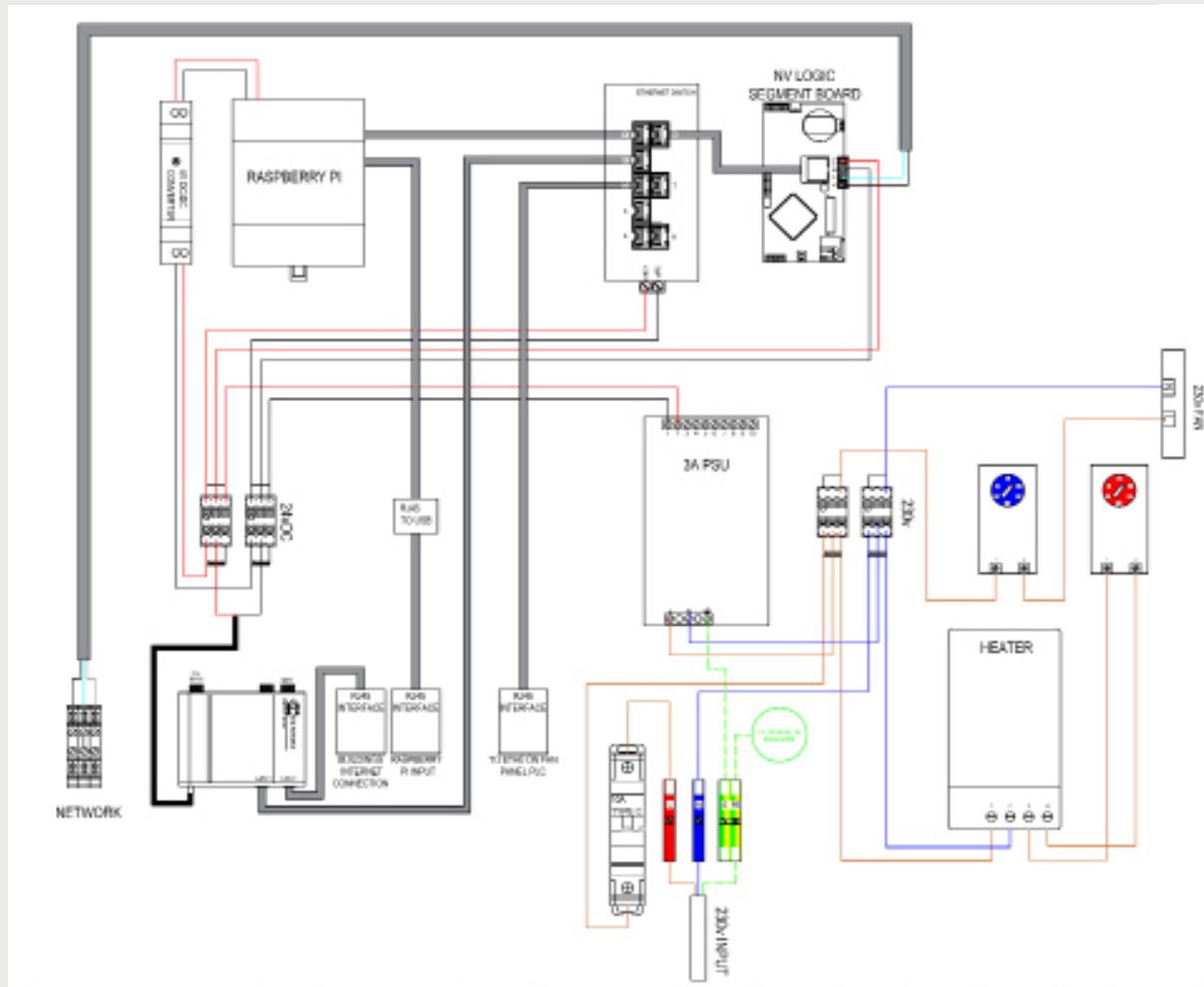
<b>Power</b>	
Supply	230 V ac 50/60Hz from a 13A supply
<b>Environment</b>	
IP Rating	IP32
Humidity Range	10 to 90% Non-condensing
Storage	-20 to 75°C
Opening Temperature	-5 to +40°C
<b>Miscellaneous</b>	
Dimensions	600 x 400 x 250 mm
Mass (approx.)	15 kg
Cable Entry Via	12 x 20 mm end mounted cable glands
Communicates Via	OSLink and BACnet protocols using integrated 4G communications technology
<b>Application</b>	Smoke and Environmental Ventilation

### Product Code

Product Number	Product Description
FCS00200299	Cloudlink™ Gateway Panel - EXT Modbus BACnet 600 x 400 x 250 mm



## 2.3 Schematic





Creating a healthier & safer environment

Lancaster House  
Wellington Crescent  
Fradley Park, Lichfield  
Staffordshire WS13 8RZ

**+44 (0)1543 443060**  
**sales@secontrols.com**  
**www.secontrols.com**



Name & registered office: Loanguard Limited, Lancaster House, Wellington Crescent, Fradley Park, Lichfield, Staffordshire WS13 8RZ Company No.01468061 Vat No.377 5600 30 - SE Controls is a Registered Trademark