

The standalone detector incorporates a vibrant display, internal relays and RS485 communication which enables it to function as control panel and detector in one. The software provides control over all aspects of the detector.

Applications include: Waste Water Treatment Facilities, Manufacturing, Pharma, Bio-Pharma, Food and Beverage industries, Boilers, Laboratories, Car parks, Agriculture and Landfill sites.

System Features

- Remotely mount gas sensor
- Incorporates Infra-red, electro-chemical, catalytic and PID sensor technologies
- Visual indication of gas levels
- 1.7" Full Colour display
- Network up to 250 gas sensors
- U-processor based functionality
- RS-485 Modbus RTU
- 4-20mA output
- 2 x Volt free contacts 1A@30V
- Alarm levels freely programmable
- Internal fault monitoring
- Stainless steel sensor

User Friendly

- Non-intrusive one person calibration
- Easy to use step by step menu
- Minimal training required
- Programmable alarm delay
- Password protected
- Supplied pre-configured

Cost Benefits

- Standalone gas detector requiring no control panel
- RS-485 Network reduce cabling costs
- Simple installation
- Plug-in replacement sensors
- Detector stability allows for increased
- Maintenance intervals



Environmental Specifications

Operating temperature	-30 °C to 50 °C
Pressure range	80 to 120 kPa
Humidity range	15 to 90 % rh

Electrical Specifications

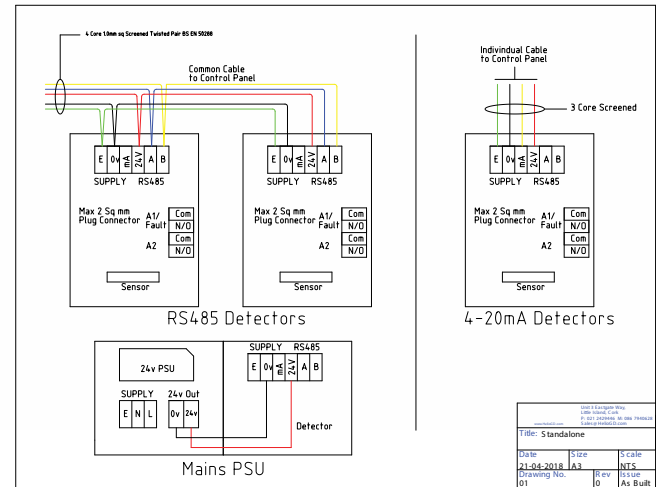
Supply voltage	24Vdc
Power Consumption	Max 2W
Fuse	50mA Auto-Reset

Sensor Specifications

Sensor types	NDIR, Thermo-catalytic, Electro-chemical, PID
Transient protection	PCB mounted Metal Oxide varistor
Terminations	PCB terminal blocks up to 2.5mm ² cables
Alarm inhibit	Password protected alarm inhibit / muting
Alarm level	Freely programmable
Alarm Hysteresis	Reset level freely programmable
Alarm types	Digital setting (fully adjustable between 10% and 90% of full scale)
Alarm types	Energised / de-energised Enrichment / deficiency
Alarm Delay	Programmable delay on alarm activation.
Resolution	0.01, 0.1 & 1
Accuracy	Sensor dependent
Full scale range	Freely programmable
Memory	64KB EEPROM
EN Regulation Compliance	EN50270, EN50271

Electromagnetic conformance (EMC) complies with 2014/30/EU

Wiring



Dimensions (mm)



For more information:

T. +353 21 2429 448
E. sales@helio-gd.com

www.HelioGD.com
Unit 3, Eastgate Way, Little Island, Cork, Ireland.

linkedin.com/company/helio-gas-detection