



## HELIO CHILL-IR 16 CHANNEL SAMPLER

*Identify exact locations of gas levels and alarms with location text & floor plans on screen.*

*8 GB SD Card for location text, floor plans & data logging.*

*Large 7" Touch Screen with help text.*

*Detectable Gases Up to five different technologies can be used covering nearly all detectable gases.*

*Internal Sample Pump 100 meter extraction*

- 7.0" Touch Screen TFT display.
- Connect up to 16 sample points.
- 4-20mA Analog Outputs
- 5 Volt free relay outputs, expandable to 72
- Visual indication of gas levels, status and location.
- Interface with other devices, names and units are programmable.
- Remote reset / isolate with expansion.
- 8 GB SD Card for data-logging & floor plans.
- Wall or 19" rack mount enclosures.
- IP 65 rating.
- Ir bench or EC, PID cells.

### User Friendly

- Touch screen interface.
- Easy to use Step by step menu.
- Customise area floor plans with detector locations.
- Supplied pre-configured.
- Minimal training required.
- Password protected.

### Cost Benefits

- Connect up to 16 additional gas sensors as part of an RS 485 Network resulting in reduced cabling and installation costs.
- Simple installation allows the control panel to be conveniently located.
- Compact unit 280mm x 320mm x 135mm.



**Sample Ports**

All Helio products can communicate with each other allowing a wide range of installations suiting most requirements with a single solution.

Non Helio products can be added to the network including temperature, pressure, radiation ,existing detectors or any device that provides an output.

Intuitive menus and on screen help text ensure ease of use and minimal training.

Add relays, analogue inputs and outputs with expansion modules

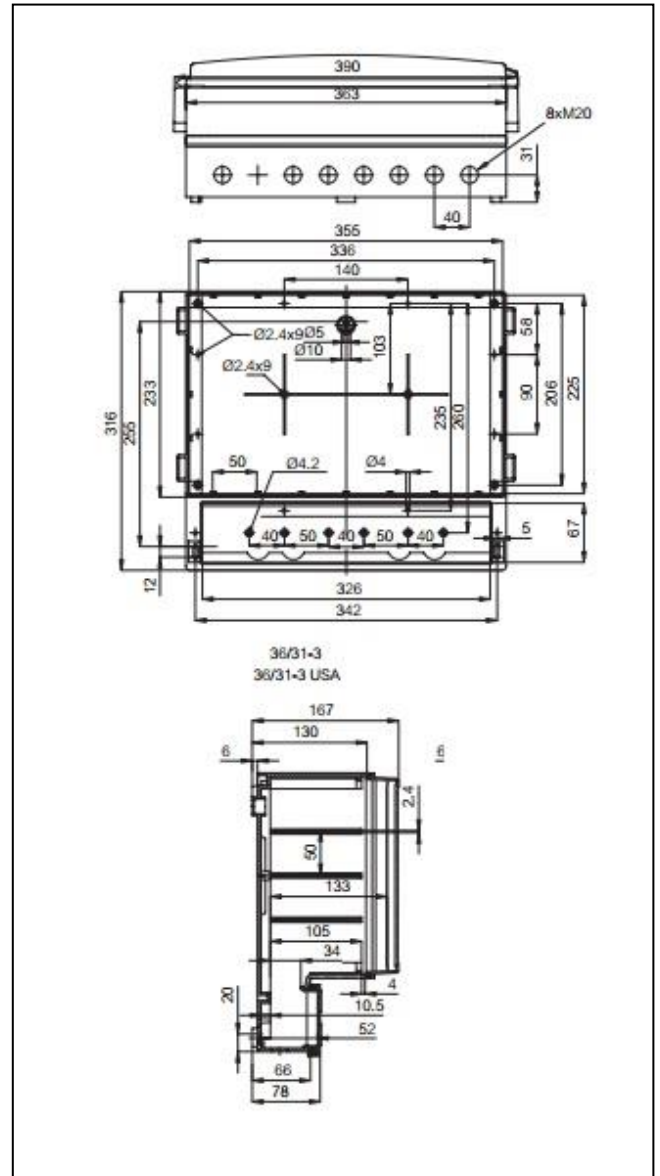
## Environmental Specifications

Operating temperature	-10 °C to 60 °C
Storage Temperature	-20 °C to 70 °C
Humidity range	20 to 90 % Non-condensing

## Electrical Specifications

Supply voltage	86Vac - 260Vac
Power Consumption	6W
Sensor cables	4 core, screened, 0.5mm <sup>2</sup> to 1.5mm <sup>2</sup>
Relay contacts	SPST, 250V, 8A.
Analogue outputs	Optional analogue output per channel
Terminations	PCB terminal blocks up to 2.5mm <sup>2</sup> cables
Alarm inhibit	Password protected alarm inhibit /muting
Alarm setting	Digital setting (fully adjustable)
Alarm types	Energised/de-energised Enrichment / deficiency Latched & Delayed
Memory	8 GB Flash
Enclosure material	Two-piece, hinged, ABS, Aluminium plate

## Dimensions (mm)



## View Layouts and detector locations on screen

