

Cloud Canary FUMIGATION MONITORING STATION

The new Cloud Canary monitoring station houses up to 3x SmarTox-CC sensor/transmitter modules in a robust technician's case, with dimensions 45W x 37H x 18D cm. Modules can be switched in the field as needed.



Cloud Canary is designed for use around remote sealed storage containers where real-time fumigant concentration data must be recorded (C/T) and stored for later downloading. Gas samples are pulled from three separate positions in a container of commodity requiring fumigation at a bio-security border control point.

Cloud Canary can be powered from solar panels, internal lead-acid batteries or 240 VAC mains power. Fine weather and optimal solar panel placement will allow continuous operation. If not, fully charged internal batteries will run Cloud Canary for up to 36 hours depending on how many sample readings are taken. Typically, gas readings are taken every 2 hours and stored on the cloud, allowing remote monitoring from a mobile device. This should be especially useful to fumigators working remotely from mains power and hardwire LAN based telemetry.

NOTE: Once the internal power supply drops below 10.5 volts the operation of the sensors and control unit will become unstable and will require an external 12-volt power source connected to recharge the battery pack. Below 6 volts the cloud gateway shuts down and will then require reset before resuming its online connection to the cloud.

FEATURES:

- Gas sampling pump, 0.5LPM suction to three external hose-barb inlets.
- Timing and gas switching control valves.
- 100-watt solar panels (2), 7.2Ah lead-acid batteries (4) and AC mains power pack.
- Remote monitoring via a 4G/Wi-Fi gateway, including GPS.
- Up to 30 metres of 6mm OD x 3mm ID inert plastic tubing on each inlet.

Cloud Canary is currently being trialled and its versatility expanded as of 1st November 2024. Please contact The Canary Company Pty Ltd should you have any questions at [+61 2 9418 6666](tel:+61294186666).

LOW COST- HIGH ACCURACY- LOCAL MAINTAINANCE

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