

LEADERS IN GAS DETECTION © Since 1977

Guardian2



Features:

- Real-time particulate, noise and ground vibration (PPV)
- Simultaneous PM10, PM2.5 and PM1.0 monitoring
- Web-hosted data with secure, password protected login
- Optional VOC sensor measures to 6000ppm
- Optional, maintenance free windspeed & direction sensor
- Email and text alerts to nominated recipients
- Manual or automatic reports
- IEC 61672-1 Class 1 compliant sound level meter
- Wall or pole mounted
- Powered by mains (100-250VAC), solar or battery

Guardian2 is a web-based remote monitoring system for noise, particulates and ground vibration, either as single 'agents' or in multiple combinations. It is ideal for construction & demolition sites plus many more fence-line applications. Where compliance with limits is required and good relationships with neighbouring people and businesses are a must, Guardian2 can guarantee the smooth progress of your project or manufacturing operations.

Guardian2 is designed to help you remain compliant with site emission levels, using remote monitoring and reporting of noise, dust, vibration and VOCs. Powered by mains, solar or battery, the Guardian2 is ideal for any location.

Perth Office: Unit 5 / 30 Enterprise Crescent Malaga WA 6090 Australia Ph: +61 (0) 8 6184 7840 sales@controlequipment.com.au Representatives/Offices in:SydneyMelbourneHobartAdelaideAucklandWellingtonwww.controlequipment.com.au



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Data Anywhere with www.casella247.com

The mHUB datalogger incorporates an electronic SIM which means that the system will search for the strongest cellular signal but in the event of a lack of connectivity, the mHUB will continue to log then push the stored data to the server when communication is re-established. The Casella 24/7 Data Management System is accessible via a secure log-in, giving organisational administrators and nominated users access rights to data, reports and alerts.

Plug In and Play

Integrated into a small, unobtrusive environmentally sealed housing, Guardian2 can be configured at the time of ordering for a variety of 'agents' depending upon the specific application or requirements. Installation couldn't be simpler; just bolt to a wall or mount on a pole, apply power and then within a few moments begin transmitting data using cellular connectivity to a secure server.

Configure Reports

- For single or multiple agents at once e.g. noise and dust
- Automatic reports can be set to report daily, weekly or monthly data, direct to your inbox
- Graphical or tabular reports

Alert Configuration

- Configure alerts by text or email
- Can be configured for any measured parameter
- Error alerts, e.g. for power loss

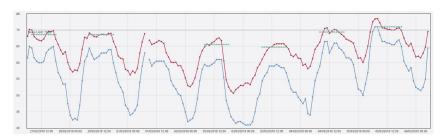
User Configuration

- Different levels of access can be configured to casella247.com
- Specify who just receives reports, or administrator access to configure reports and Guardian2 units
- Configure Guardian2 units on different sites remotely

Report showing PM10, PM2.5 and PM1.0 levels



Report showing noise data over two weeks



Reporting and alerts

Administrators can choose the number of Users who have access to data and receive alerts while Users themselves can create and edit reports and because there can be multiple sites and Guardians they can easily switch between them. Reports can be created manually or automatically and can be sent by email to multiple recipients if required. Alerts can be generated when specified limits are exceeded as well as notification of power and communications outages should data not be received when expected by the system. Action can then be taken to investigate the causes of these exceedances to head off potential complaints or citations as well as checking for integrity of the Guardian2 itself. Site limits can be added to graphs to show when values have been exceeded.

Specifications

Guardian2

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Part Number

2080410 208104D

2080830

208022C

CEL-120/1

208147A

208500D

208512D

208511D

208510D

208503D

208504D

B162

Part Number

Part Number

Part Number

Part Number

Vibration

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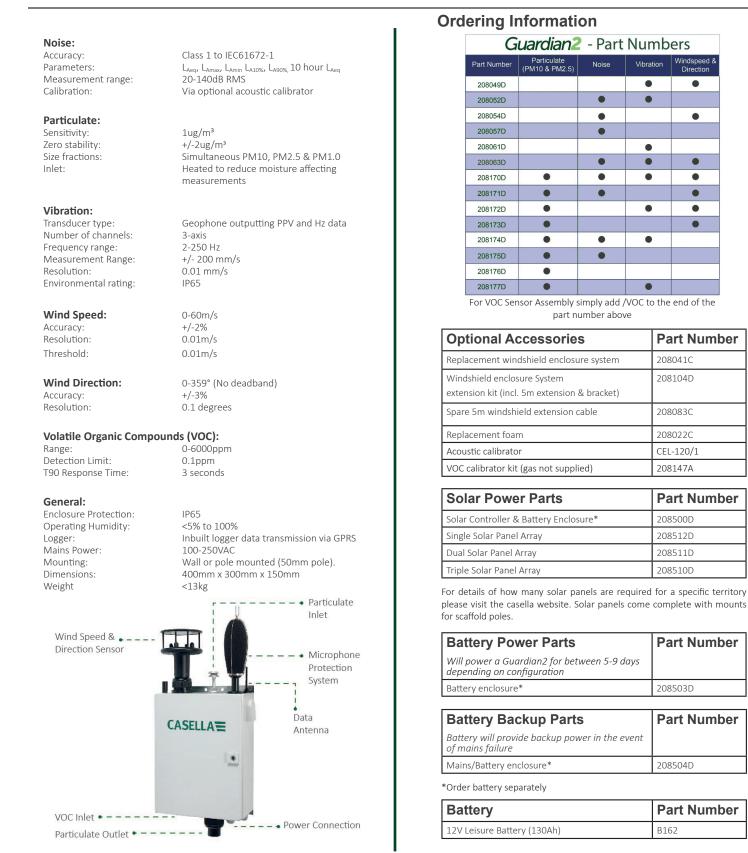
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Head Office: Unit 1 / 3 Deakin Street (PO Box 5904) Brendale QLD 4500 Australia Ph: +61 (0) 7 3481 9000

Perth Office: Unit 5 / 30 Enterprise Crescent Malaga WA 6090 Australia Ph: +61 (0) 8 6184 7840 sales@controlequipment.com.au **Representatives/Offices in:** Sydney Melbourne Hobart Adelaide Wellington Auckland www.controlequipment.com.au