CASELLA
GUARDIAN

Casella NOISE Guardian

Ensure compliance through remote monitoring of noise.

NOISE Guardian is a web-based remote monitoring system for noise emissions from construction, demolition or process sites to ensure compliance with regulatory limits.

Applications

- Demolition phase monitoring
- Construction sites
- Roadside / traffic monitoring
- Waste transfer stations
- General compliance monitoring
- Site monitoring strategies
- Planning guidance monitoring
- Section 61 compliance (UK)
- PPG24 compliance (UK)

Key features

- IEC61672-1 class 1 compliant sound level meter
- Measures LAF, LAFmx, LAeq, LCpk
- Noise Percentile Readings LAF10, LAF90, LAF95
- Web hosted data with a secure private login
- 20 - 140dB measurement range
- E-mail and optional text alarms when noise levels are exceeded
- Easily export and report data
- Optional wind speed and direction

IDEAL

Permanent Noise Measurement to Protect Your Site.

The Casella NOISE Guardian offers 24/7 noise monitoring for L_{Aeq}, L_{AFmx}, L_{AF10}, L_{AF90} (additional parameters available on request). Based on the 63X series Sound Level Meter it is housed in a weatherproof enclosure. The unit is supplied with a Class 1 microphone, logger with data transfer and outdoor protection for the microphone. The unit runs on mains electricity (220-240 or 110VAC).

The data is transferred via GPRS (GPRS requires a fixed IP SIM card) to a dedicated, secure, website www.dataview247.com. This can be viewed in any web browser, via private login, showing real-time and historical data and in addition real-time alarms can be set up via email. Parameters can be displayed over selectable time periods. Reports can easily be created for multiple noise parameters simultaneously.

Simple to Install

The enclosure (shown front page) is supplied with U bolts to attach to a 50mm pole. A 5m extension cable is then routed to the microphone enclosure which can be mounted further up the pole as required. The enlosure can also be wall mounted.

Technical Specification

General

Measuring range:	20-140dB
Parameters:	L_{Aeq}, L_{Amax}, $L_{A10\%}$, $L_{A90\%}$
Enclosure Protection:	IP65
Power:	220-240 or 110VAC
Operating Humidity:	<5% to 100%
Logger:	Inbuilt logger data transmission via GPRS
Calibration:	Via 120/1 acoustic calibrator (supplied)
Mounting:	Wall or pole mounted (50mm pole).

Ordering Information

208120D-01	NOISE GUARDIAN
208140D-01	NOISE, WINDSPEED & DIRECTION GUARDIAN
208004A-01	GUARDIAN 110V UPGRADE
DATA:	Access to dataview 247.com is provided via secure login details (GPRS requires a fixed IP SIM card)

Option:

TEXT:	SMS/Text alarm output mode

Graphical data can be viewed online

Reports can easily be generated

Data can be exported as spreadsheets

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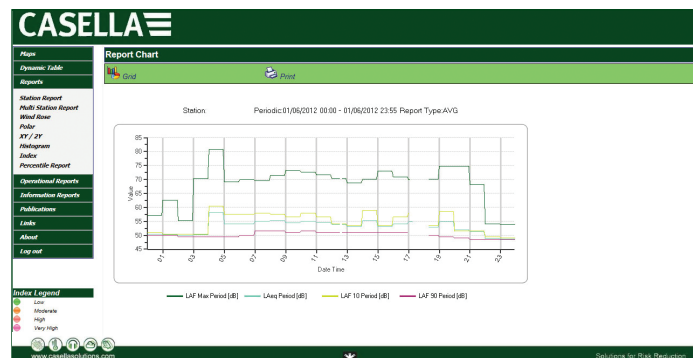Tel: (716) 276 3040
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