

## GSM CO2 datalogger with built-in sensors and modem - kopie

☐☐: U8410G



4G datalogger is designed to record CO<sub>2</sub> from built-in sensor. In case of exceeded set limits, SMS and JSON messages can be sent via GPRS data connection. Measured values can be sent to the internet storage [COMET Cloud](#), which is a complete monitoring, alarm and analysis system.

It is also possible to set the regular sending of JSON messages to COMET Database, the sending interval is adjustable. Alarms are also indicated locally by LED, LCD and acoustically by built-in beeper.

The recording is performed in a non-volatile electronic memory. The data can be transferred to a PC via included USB-C cable.

4G recorder **includes Traceable calibration certificate** with declared metrological traceability of etalons is based on requirements of **EN ISO/IEC 17025 standard**.

[Optional CO<sub>2</sub> measuring range extension from the standard 0 to 5.000 ppm up to 0 to 10.000 ppm \(available at extra cost\):](#)

- **Extended measuring range:** 0 to 10 000 ppm
- **Accuracy in extended range:** 100 ppm + 5% of the measured value at 25 °C and 1013 hPa

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|------------------------------|--|
| CO <sub>2</sub> SENSOR       |  |
| Measuring range              | 0 to 5000 ppm  |
| Accuracy                     | ±(50ppm +3% from reading) at 25°C and 1013hPa  |
| Resolution                   | 1 ppm  |
| GENERAL TECHNICAL DATA       |  |
| Operating temperature        | -20 to +60 °C  |
| Channels                     | internal sensor for CO <sub>2</sub>  |
| Memory                       | 500,000 values in noncyclic logging mode; 350,000 values in cyclic record mode   |
| Recording interval           | adjustable from 1 s to 24 h  |
| Display and alarm refresh    | adjustable 1 s, 10 s, 1 min  |
| Recording mode               | noncyclic - data logging stops after filling the memory<br>cyclic - after filling memory oldest data is overwritten by new |
| Real time clock              | year, leap year, month, day, hour, minute, second  |
| Power                        | battery SONY Lilon 5200mAh   |
| Protection class             | IP20   |
| Dimensions                   | 61 x 93 x 53 mm, with antenna 120 x 93 x 53 mm   |
| Weight (including batteries) | approx. 250 g  |
| Warranty                     | 3 years  |