

U7844M GSM - kopie

Model: U7844G



GSM datalogger is designed to record from four binary inputs or from two pulse and two binary inputs. 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.

GSM datalogger inputs can be set up for four binary inputs or two binary inputs and two pulse counters.

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

Table

Operating voltage	$0.4 V < V_{in} < 2 V$ or $0 V < V_{in} < +30 V DC$
Input impedance	Input impedance $< 10 k\Omega$ or $> 300 k\Omega$ (input voltage $< 3 V$)
Sampling rate	24 (16 777 215) samples per second (TBD)
Resolution	1 bit
Measurement range	1 s to 24 h
Measurement interval	1 s, 10 s, 1 min
Memory capacity	500 000 samples (350 000 samples)
Power consumption	Low power consumption - low power consumption
Battery	5200mAh
IP protection	IP20
Dimensions	61x93x53 mm (120x93x53 mm)
Weight	270 g
Warranty	3 years