

# U7844M GSM

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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 $+30 V DC$
Input impedance	$< 10 k\Omega$ or $> 300 k\Omega$ or $3 V$ or $1s$
Resolution	24 bit (16 777 215) or TBD
Sampling rate	1s or 24h
Measurement interval	1 s, 10s, 1min
Memory	500 000 or 350 000 or TBD
Power consumption	Standby - Active - Sleep
Battery	5200mAh
IP protection	IP20
Dimensions	61x93x53mm or 120x93x53mm
Weight	270 g
Warranty	3 years