

U7844M 2G GSM

Model: U7844M



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	Operating voltage <0.4 V*Operating voltage> 2 VOperating voltage0 VOperating voltage+30 V DC
Operating current	Operating current< 10 kΩOperating current> 300 kΩOperating current< 3 VOperating current> 1s
Operating time	24 h (16 777 215)Operating timeTBD
Operating temperature	Operating temperature
Operating humidity	1s 24h
Operating pressure	1 s, 10s, 1min
Operating altitude	500 000 Operating altitude350 000 Operating altitude
Operating speed	Operating speed - Operating speed - Operating speed
Operating weight	Operating weight5200mAh
IP rating	IP20
Dimensions	61x93x53Dimensions 120x93x53
Weight	270 g
Material	3