

# U3120M GSM

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GSM datalogger is designed to record temperature and humidity from built-in sensors. 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.

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

Table

Temperature range	-20 to +60°C
Resolution	0.1°C
Accuracy	±0.4°C
Resolution	0.1°C
Measurement interval at 90% humidity, 20°C, 1m/s	8 min
Humidity range	0 to 100%
Accuracy	±1,8%**
Measurement interval at 90% humidity, 30%RH	50 s
Storage temperature	-60 to +60°C***
Power supply	Rechargeable Li-Ion battery
Measurement interval	1s to 24h
Measurement interval	1 s, 10s, 1min
Memory	500 000 records, 350 000 records
Dimensions	61x93x53mm (without antenna) - 120x93x53mm (with antenna)
Battery	5200mAh
IP protection	IP67 electronics; IP30 sensors
Weight	61x93x53mm (without antenna) 120x93x53mm (with antenna)
Weight	260 g
Warranty	3 years