

U3120M 2G GSM datalogger

Model: U3120M



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**.

Features

Temperature range	-20 to +60°C
Humidity range	0 to 100%
Temperature accuracy	±0.4°C
Humidity accuracy	±1.8%**
Temperature resolution	0.1°C
Humidity resolution	0.1%
Response time (t90) at 20°C and 50%RH	8 min
Storage capacity	500 000 records
Memory retention	10 years
Operating temperature	-20 to +60°C
Storage temperature	-60 to +60°C***
Operating humidity	0 to 100%
Storage humidity	0 to 100%
Power supply	3.3V, 5V, 12V
Power consumption	1s, 10s, 1min
Dimensions	61x93x53mm
Weight	260 g
IP protection	IP67 electronics; IP30 sensors
Accessories	USB-C cable, calibration certificate