

U3120M 4G GSM - kopie

Model: U3120G



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**.

Model

| | |
|---------------------------------------|---|
| 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 temperature | -60 to +60°C*** |
| Operating temperature | -20 to +60°C |
| Relative humidity (RH) | 0 to 100% |
| Humidity hysteresis | ±0.5%RH |
| Humidity recovery time (t90) | 50 s |
| Power supply | 3.3V DC |
| Power consumption | 1s 24h |
| Memory | 1 s, 10s, 1min |
| Storage capacity | 500 000 records (up to 350 000 records) |
| Dimensions | 61x93x53mm (120x93x53mm) |
| Weight | 260 g |
| IP protection | IP67 electronics; IP30 sensors |
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