

IoT Wireless Temperature Datalogger, with built-in sensor, 2G modem and Flat Rate SIM Card

Art nr: U0110Msim



IoT Wireless Datalogger kit with built-in GSM modem and Flat Rate SIM Card allows the instant connection to the COMET Cloud. Measured values can be sent to the internet storage [COMET Cloud](#), which is a complete monitoring, alarm and analysis system. IoT Datalogger is designed to record temperature from built-in sensor. In case of exceeded set limits e-mail is sent from the COMET Cloud.

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

Tekniska specifikationer

| | |
|---|---|
| Mätområde | -20 till +60°C |
| Noggrannhet | ±0.4°C |
| Upplösning | 0.1°C |
| Responstid temperatur t90 (steg om 20°C vid luftflöde 1m/s) | 15 min |
| Realtidsklocka | År, skottår, månad, dag, timme, minut, sekund |
| Data logging interval | Adjustable from 1s to 24h |
| Loggningsintervall | Justerbart 1s till 24h |
| Minneskapacitet | 500 000 värden i ickecykliskt läge (noncyclic logging mode), 350 000 värden i cykliskt läge (cyclic mode) |
| Dataloggningslägen | Ickecykliskt (non-cyclic): dataloggning avslutas när minnet är fullt, cykliskt (cyclic): när minnet är fullt skrivs det äldsta värdet över av det nya |
| Matning | Li-Ion battery A8200, 3.6V/5200mAh |
| Kapslingsklass | IP67 - skyddad mot kortvarig nedsänkning i vatten |
| Dimensioner | 61x93x53, med antenn 120x93x53 |
| Vikt inkl. batteri | 260 g |
| Garanti | 3 år |