

## IoT Wireless Temperature and Relative Humidity Datalogger, with built-in GSM modem and Flat Rate SIM Card



code: U3120Msim

IoT Wireless Datalogger kit with built-in GSM modem and Flat Rate SIM Card allows the instant connection to the COMET Cloud.

loT Datalogger is designed to record temperature and humidity from built-in sensors. In case of exceeded set limits e-mail is sent from the  $\underline{\mathsf{COMET}}$   $\underline{\mathsf{Cloud}}$ .

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.** 

## **Technical data**

Resolution GENERAL TECHNICAL DATA Operating temperature Channels Memory Secording interval Display and alarm refresh Recording mode nor memory	-20 to +60 °C ±0.4 °C 0.1 °C 0 to 100 % RH ± 1.8 % RH 0.1% RH
Resolution HUMIDITY SENSOR  Measuring range Accuracy Resolution DEW POINT  Measuring range Accuracy  Essolution  GENERAL TECHNICAL DATA Deparating temperature Channels  Memory  Recording interval Display and alarm refresh Recording mode  Real time clock  Memory  Real time clock  year,	0.1 °C 0 to 100 % RH ± 1.8 % RH
HUMIDITY SENSOR  Measuring range Accuracy Resolution DEW POINT  Measuring range Accuracy ±1.5 °C  Resolution  GENERAL TECHNICAL DATA Deparating temperature Channels in Memory 500,00  Recording interval Display and alarm refresh Recording mode nor memory  Real time clock year,	0 to 100 % RH ± 1.8 % RH
Measuring range Accuracy Resolution DEW POINT Measuring range Accuracy ±1.5 °C Resolution GENERAL TECHNICAL DATA Deparating temperature Channels in Memory 500,00 Recording interval Display and alarm refresh Recording mode nor memory Real time clock year,	± 1.8 % RH
Resolution  DEW POINT  Measuring range  Accuracy ±1.5 °C  Resolution  GENERAL TECHNICAL DATA  Deprating temperature  Channels in  Memory 500,00  Recording interval  Display and alarm refresh  Recording mode nor memory  Real time clock year,	± 1.8 % RH
Resolution  DEW POINT  Measuring range Accuracy ±1.5 °C  Resolution  GENERAL TECHNICAL DATA  Degrating temperature  Channels in  Memory 500,00  Recording interval  Display and alarm refresh  Recording mode nor memory  Real time clock year,	
DEW POINT  Measuring range  Accuracy ±1.5 °C  Resolution  GENERAL TECHNICAL DATA  Display and alarm refresh  Recording mode  Real time clock  DEW POINT  1.5 °C  1.5 °	0.1% RH
Measuring range Accuracy ±1.5 °C Resolution GENERAL TECHNICAL DATA Operating temperature Channels in Memory 500,00 Recording interval Oisplay and alarm refresh Recording mode nor memory Real time clock year,	
Accuracy ±1.5 °C Resolution GENERAL TECHNICAL DATA Operating temperature Channels in Memory 500,00 Recording interval Display and alarm refresh Recording mode nor memory Real time clock year,	
Resolution  GENERAL TECHNICAL DATA  Operating temperature  Channels  Memory  Secording interval  Display and alarm refresh  Recording mode  Recording mode  nor memory  Real time clock  year,	-90 to +60 °C
GENERAL TECHNICAL DATA Operating temperature Channels Memory Secording interval Oisplay and alarm refresh Recording mode Real time clock year,	at ambient temperature T <25 °C and RH >30 $\%$
Operating temperature Channels in Memory 500,00 Recording interval Display and alarm refresh Recording mode nor memory Real time clock year,	0.1 °C
Channels in Memory 500,00 Recording interval Display and alarm refresh Recording mode nor memory Real time clock year,	
Memory 500,000 Recording interval Display and alarm refresh Recording mode nor memory Real time clock year,	-20 to +60 °C
Recording interval Display and alarm refresh Recording mode nor memory Real time clock year,	ernal temperature and humidity sensor
Display and alarm refresh Recording mode nor memory Real time clock year,	O values in noncyclic logging mode; 350,000 values in cyclic record mode
Recording mode nor memory Real time clock year,	adjustable from 1 s to 24 h
Real time clock year,	adjustable 1 s, 10 s, 1 min
, , , , , , , , , , , , , , , , , , ,	adjustable 13, 103, 111111
Power	cyclic - data logging stops after filling the cyclic - after filling memory oldest data is overwritten by new
ower	cyclic - data logging stops after filling the cyclic - after filling memory oldest data is
Protection class	cyclic - data logging stops after filling the <a blue;"="" color:="" href="mailto:style=">style="color: blue;"&gt;style="color: blue;"&gt;style="co</a>
Dimensions 61 x 9	cyclic - data logging stops after filling the cbr>cyclic - after filling memory oldest data is overwritten by new eap year, month, day, hour, minute, second
Veight (including batteries)	cyclic - data logging stops after filling the cbr>cyclic - after filling memory oldest data is overwritten by new eap year, month, day, hour, minute, second battery SONY Lilon 5200mAh
Varranty	cyclic - data logging stops after filling the cbr>cyclic - after filling memory oldest data is overwritten by new eap year, month, day, hour, minute, second battery SONY Lilon 5200mAh IP67 electronics; IP30 sensors