

tempmate.[®]

With automatic flight mode

tempmate.[®]-GS2





Main Technical Specifications tempmate.®-GS2 **T**

Monitored information*	Temperature, Light, Tilt, Shock, Location
Battery type	All the variation available in Lithium and Non-Lithium option
Temperature Range	-30°C to +70°C
Temperature Accuracy	±0.3°C (-10°C ~ 45°C) , ±0.5°C (Other)
Temperature Resolution	0.1°C
Humidity Range	Available with the TH Model
Humidity Accuracy	Available with the TH Model
Resolution Humidity	Available with the TH Model
Ambient Light	0 to 10000lx / Accuracy 0.01lx
Resolution Ambient Light*	1 lx
Shock Indicator*	Shock detection (8 levels of shocks)
Tilt Indicator*	Tip-over detection (change of tilt > 90°)
Local Data Storage Capacity	24,200 values for Temperature and Light
Shelf-Life*	Lithium Battery devices: 16 months shelf life Non-Lithium Battery devices: 15 months shelf life
Battery	Lithium Battery: Li-ion Polymer Battery 2400mAh Non-Lithium Battery: Ni-MH Battery 2000 mAh
External Sensor	Available with the TE Model
Log Interval	User defined: 1 min. to 60 min. (10 min. as standard setting preconfigured)
Transmission Interval	User defined: 10 min. to 1440 min. (240 min. as standard setting preconfigured)
Recording Duration*	<i>With standard log interval of 10 min. and transmission interval of 240 min:</i> Lithium Battery: 120 days Non Lithium Battery: 90 days
Startup Mode	By default start by button
Stop Mode	By default stop by button (optionally via the USB port or the cloud platform)
Start Delay	User defined: 0 min. to 1440 min. (No start delay as standard setting preconfigured)
Protection Class	IP65
Display	Multifunction Display
Dimensions	103 x 64 x 23 mm for Lithium and 103 x 64 x 30 mm for Non-Lithium
Weight	130 g for Lithium and 175 g for Non-Lithium
Certifications	CE, EN12830, EMC, RoHS, FCC
Validation Certificate	Available as PDF in the Cloud
Software	tempmate.®-Cloud
Report Generation	Readable in the Cloud and locally in the device through the USB 2.0 interface
Password Protection	Cloud Password Protection
Connectivity	LTE 4G cat 1 with 2G Fallback
Automatic Flight Mode*	Automatic offline mode during flight (no transmission)
Location	LBS - GSM Localization
Alarm Thresholds Configuration*	Up to 6 Thresholds for temperature + up to 3 for Light, 1 for Tilt, 1 for Shock, Alarm Delay Programmable
Programmable	Via Cloud
Alarm Type	Single / Cumulative
Recommended Storage Temperature	+15°C to + 25°C
Case Material	Polycarbonate



Main Technical Specifications tempmate.®-GS2 **TH**

Monitored information*	Temperature, rel. Humidity, Light, Tilt, Shock, Location
Battery type	All the variation available in Lithium and Non-Lithium option
Temperature Range	-30°C to +70°C
Temperature Accuracy	±0.3°C (-10°C ~ 45°C) , ±0.5°C (Other)
Temperature Resolution	0.1°C
Humidity Range	0% to 100%rH
Humidity Accuracy	±3% (20% ~ 80%) , ±5% (Other)
Resolution Humidity	1%
Ambient Light	0 to 10000lx / Accuracy 0.01lx
Resolution Ambient Light*	1 lx
Shock Indicator*	Shock detection (8 levels of shocks)
Tilt Indicator*	Tip-over detection (change of tilt > 90°)
Local Data Storage Capacity	24,200 values for Temperature, Humidity and Light
Shelf-Life*	Lithium Battery devices : 16 months shelf life Non-Lithium Battery devices: 15 months shelf life
Battery	Lithium Battery: Li-ion Polymer Battery 2400mAh Non-Lithium Battery: Ni-MH Battery 2000 mAh
External Sensor	Available with the TE Model
Log Interval	User defined: 1 min. to 60 min. (10 min. as standard setting preconfigured)
Transmission Interval	User defined: 10 min. to 1440 min. (240 min. as standard setting preconfigured)
Recording Duration*	<i>With standard log interval of 10 min. and transmission interval of 240 min:</i> Lithium Battery: 120 days Non Lithium Battery: 90 days
Startup Mode	By default start by button
Stop Mode	By default stop by button (optionally via the USB port or the cloud platform)
Start Delay	User defined: 0 min. to 1440 min. (No start delay as standard setting preconfigured)
Protection Class	IP65
Display	Multifunction Display
Dimensions	103 x 64 x 23 mm for Lithium and 103 x 64 x 30 mm for Non-Lithium
Weight	130 g for Lithium and 175 g for Non-Lithium
Certifications	CE, EN12830, EMC, RoHS, FCC
Validation Certificate	Available as PDF in the Cloud
Software	tempmate.®-Cloud
Report Generation	Readable in the Cloud and locally in the device through the USB 2.0 interface
Password Protection	Cloud Password Protection
Connectivity	LTE 4G cat 1 with 2G Fallback
Automatic Flight Mode*	Automatic offline mode during flight (no transmission)
Location	LBS - GSM Localization
Alarm Thresholds Configuration*	Up to 6 Thresholds for temperature + up to 6 for Humidity + up to 3 for Light, 1 for Tilt, 1 for Shock, Alarm Delay Programmable
Programmable	Via Cloud
Alarm Type	Single / Cumulative
Recommended Storage Temperature	+15°C to + 25°C
Case Material	Polycarbonate



Main Technical Specifications **tempmate.®-GS2** **TE**

Monitored information*	(Ultra Low) Temperature, Tilt, Shock, Location
Battery type	All the variation available in Lithium and Non-Lithium option
Temperature Range	-200°C to +100°C
Temperature Accuracy	±0.5°C (-10°C ~ 45°C) , ±1°C (Other)
Temperature Resolution	0.1°C
Humidity Range	Available with the TH Model
Humidity Accuracy	Available with the TH Model
Resolution Humidity	Available with the TH Model
Ambient Light	Available with the T and TH Model
Resolution Ambient Light	Available with the T and TH Model
Shock Indicator*	Shock detection (8 levels of shocks)
Tilt Indicator*	Tip-over detection (change of tilt > 90°)
Local Data Storage Capacity	24,200 values for Temperature
Shelf-Life*	Lithium Battery devices: 16 months shelf life Non-Lithium Battery devices: 15 months shelf life
Battery	Lithium Battery: Li-ion Polymer Battery 2400mAh Non-Lithium Battery: Ni-MH Battery 2000 mAh
External Sensor	PT100 (cable length: 1m, length of probe is 6 cm length, 4 mm in diameter, sensor tip: stainless steel)
Log Interval	User defined: 1 min. to 60 min. (10 min. as standard setting preconfigured)
Transmission Interval	User defined: 10 min. to 1440 min. (240 min. as standard setting preconfigured)
Recording Duration*	<i>With standard log interval of 10 min. and transmission interval of 240 min:</i> Lithium Battery: 120 days Non Lithium Battery: 90 days
Startup Mode	By default start by button
Stop Mode	By default stop by button (optionally via the USB port or the cloud platform)
Start Delay	User defined: 0 min. to 1440 min. (No start delay as standard setting preconfigured)
Protection Class	IP65
Display	Multifunction Display
Dimensions	103 x 64 x 23 mm for Lithium and 103 x 64 x 30 mm for Non-Lithium
Weight	130 g for Lithium and 175 g for Non-Lithium
Certifications	CE, EN12830, EMC, RoHS, FCC
Validation Certificate	Available as PDF in the Cloud
Software	tempmate.®-Cloud
Report Generation	Readable in the Cloud and locally in the device through the USB 2.0 interface
Password Protection	Cloud Password Protection
Connectivity	LTE 4G cat 1 with 2G Fallback
Automatic Flight Mode*	Automatic offline mode during flight (no transmission)
Location	LBS - GSM Localization
Alarm Thresholds Configuration*	Up to 6 Thresholds for temperature and 1 for Tilt, 1 for Shock, Alarm Delay Programmable
Programmable	Via Cloud
Alarm Type	Single / Cumulative
Recommended Storage Temperature	+15°C to + 25°C
Case Material	Polycarbonate

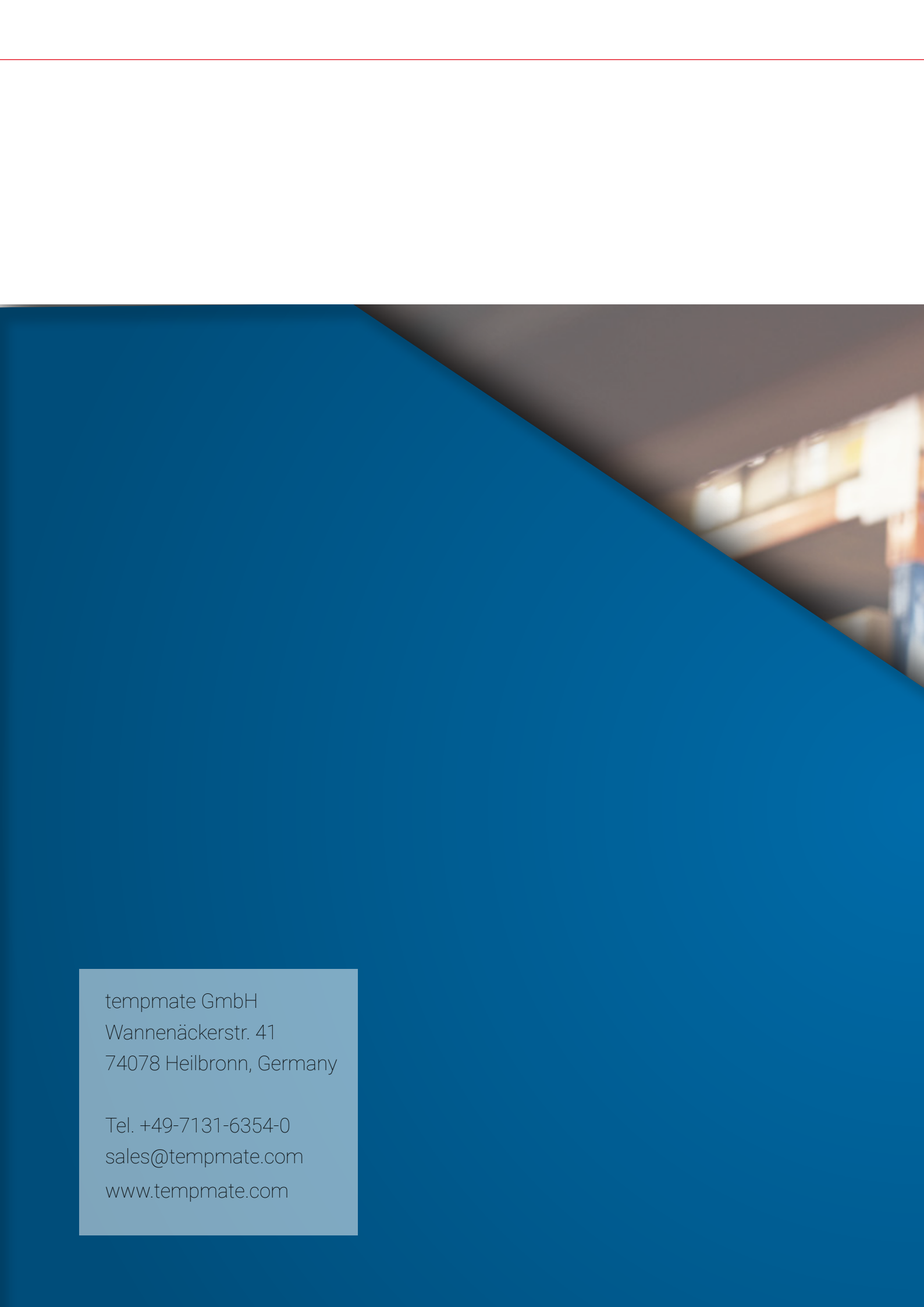
Contact Information



Do you have any questions? Please contact us - our experienced team will be happy to support you.

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