

## Enregistreur température/humidité/luminosité/localisation avec transfert des mesures en 4G

Ref : FP4038

Rev : A



### DESCRIPTION

Les enregistreurs autonomes GS2 permettent d'enregistrer la température, le taux d'humidité, la luminosité ainsi que la position GPS. Le transfert des données en 4G permet de regarder en temps réel les données avec un accès cloud gratuit.

Il est ensuite possible de paramétrer des alertes (email, SMS) en cas de dépassement de seuil, et d'avoir un aperçu détaillé des données (tableau, graphique). L'extraction des données peut se faire en format Excel.

Ce produit est idéal pour vérifier la température dans un colis lors de son transport et être alerté immédiatement en cas de problème.

### CARACTERISTIQUES TECHNIQUES

|  | Tempmate GS2<br>modèle T | Tempmate GS2<br>modèle TH | Tempmate GS2<br>modèle TE |
|--|--------------------------|---------------------------|---------------------------|
| Plage de température                                 | ✓                        | ✓                         | ✓                         |
| Usage unique   | ✓                        | ✓                         | ✓                         |
| Température  | ✓                        | ✓                         | ✓                         |
| Humidité   | ✗                        | ✓                         | ✗                         |
| Localisation   | ✓                        | ✓                         | ✓                         |
| Lumière  | ✓                        | ✓                         | ✗                         |
| Transmission 4G avec<br>abonnement et accès<br>cloud | ✓                        | ✓                         | ✓                         |

### INFORMATIONS TECHNIQUES



## Main Technical Specifications tempmate®-GS2 T

|                                 |  |
|---------------------------------|--|
| 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        | 0.01 lx  |
| Local Data Storage Capacity     | 24,200 values for Temperature and Light  |
| Shelf-Life                      | Lithium Battery devices : 12 months shelf life<br>Non-Lithium Battery devices: 6 months shelf life   |
| Battery                         | Lithium Battery: Li-Ion Polymer Battery 2400mAh<br>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. (60 min. as standard setting preconfigured)   |
| Recording Duration              | Lithium Battery: 90 days (with standard log interval of 10 min. and transmission interval of 240 min.)<br>Non Lithium Battery: 60 days (with standard log interval of 10 min. and transmission interval of 240 min.) |
| 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<br>103 x 64 x 30 mm for Non-Lithium   |
| Weight                          | 130 g for Lithium and<br>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  |
| Location                        | LBS - GSM Localization   |
| Alarm Configuration             | Up to 6 Alarm for temperature + up to 3 Alarm for light. 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

|                                 |  |
|---------------------------------|--|
| 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        | 0.01 lx  |
| Local Data Storage Capacity     | 24,200 values for Temperature, Humidity and Light  |
| Shelf-Life                      | Lithium Battery devices : 12 months shelf life<br>Non-Lithium Battery devices: 6 months shelf life   |
| Battery                         | Lithium Battery: Li-ion Polymer Battery 2400mAh<br>Non-Lithium Battery: Ni-MH Battery 2000 mAh   |
| External Sensor                 | Available with the <b>TE</b> 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. (60 min. as standard setting preconfigured)   |
| Recording Duration              | Lithium Battery: 90 days (with standard log interval of 10 min. and transmission interval of 240 min.)<br>Non Lithium Battery: 60 days (with standard log interval of 10 min. and transmission interval of 240 min.) |
| 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<br>103 x 64 x 30 mm for Non-Lithium   |
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| 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  |
| Location                        | LBS - GSM Localization   |
| Alarm Configuration             | Up to 6 Alarm for temperature + up to 6 Alarm for Humidity + up to 3 Alarm for light, 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** 

|                                 |  |
|---------------------------------|--|
| 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  |
| Local Data Storage Capacity     | 24,200 values for Temperature  |
| Shelf-Life                      | Lithium Battery devices : 12 months shelf life<br>Non-Lithium Battery devices: 6 months shelf life   |
| Battery                         | Lithium Battery: Li-Ion Polymer Battery 2400mAh<br>Non-Lithium Battery: Ni-MH Battery 2000 mAh   |
| External Sensor                 | PT100 (cable length: 1m, length of probe is 6cm 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. (60 min. as standard setting preconfigured)   |
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| 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  |
| Location                        | LBS - GSM Localization   |
| Alarm Configuration             | Up to 6 Alarm for temperature, Alarm Delay Programmable  |
| Programmable                    | Via Cloud  |
| Alarm Type                      | Single / Cumulative  |
| Recommended Storage Temperature | +15°C to + 25°C  |
| Case Material                   | Polycarbonate  |

## CONTACT

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