Compact and Durable Hardware

Monitor ColdChain goods
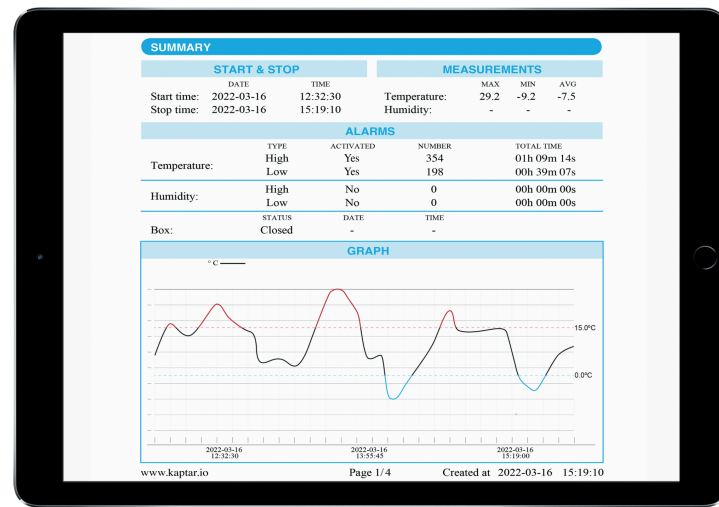
Increased hardware circuit protection

Maximise user Experience

Complete Data Visibility through
Secure non-erasable data storage

Create custom Alarms
Information is stored for all critical events during the trip

Instant PDF generation
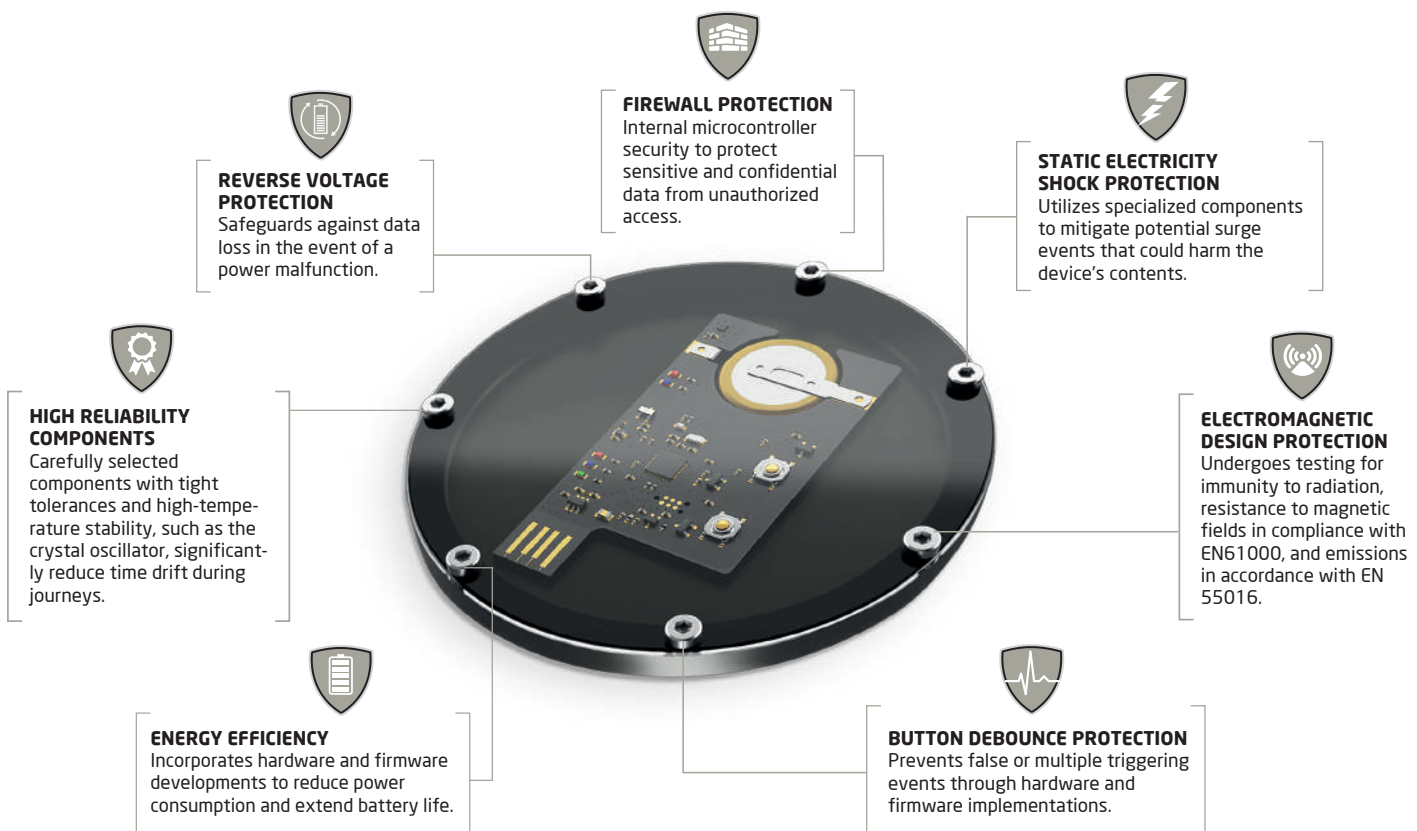Fastest information processing thanks to optimised code

IP67 Protection
All devices including T & H are water-resistant

NIST calibration
Devices are subjected to inhouse calibration and quality testing

KEY PRODUCT FEATURES

REVERSE VOLTAGE PROTECTION
Safeguards against data loss in the event of a power malfunction.

FIREWALL PROTECTION
Internal microcontroller security to protect sensitive and confidential data from unauthorized access.

STATIC ELECTRICITY SHOCK PROTECTION
Utilizes specialized components to mitigate potential surge events that could harm the device's contents.

HIGH RELIABILITY COMPONENTS
Carefully selected components with tight tolerances and high-temperature stability, such as the crystal oscillator, significantly reduce time drift during journeys.

ELECTROMAGNETIC DESIGN PROTECTION
Undergoes testing for immunity to radiation, resistance to magnetic fields in compliance with EN61000, and emissions in accordance with EN 55016.

ENERGY EFFICIENCY
Incorporates hardware and firmware developments to reduce power consumption and extend battery life.

BUTTON DEBOUNCE PROTECTION
Prevents false or multiple triggering events through hardware and firmware implementations.

Designed in Europe
Engineering artistry

Certifications
- ⊘ EN12830
- ⊘ RoHs
- ⊘ CE
- ⊘ IP67

Engineered for excellence. Tested for perfection

In-house climatic chamber for precise device calibration in our state of-the-art laboratory

- ⊘ 3 point calibration
- ⊘ Pre-programed and ready-to-use
- ⊘ 24h quality test cycle done to all dataloggers

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www.greenkeeperiberia.es

SINGLE USE TEMPERATURE DATALOGGER

GKLog **T** *KTR*
GKLog **frozen T** *KTR*
GKLog **T&H** *KTR*

www.greenkeeperiberia.es

SINGLE USE TEMPERATURE DATALOGGER

GKLog T KTR

The GreenKeeper Temperature Single use data logger is a real-time reliable high precision data logger that stores temperature measurements from -30°C to +60°C (from -22°F to +140°F). The GreenKeeper GreenLog has embedded all the advanced hardware circuits to ensure maximum data safety and up to 8000 memory points. It comes with a 2 year shelf life and allows up to 6 months of operating life. Information can be visualised by introducing USB and visualizing the autogenerated PDF or consulting the software tool for more detail.

- NIST CALIBRATED DATALOGGER
- LONG BATTERY LIFE
- WATERPROOF IP-67
- NCREASED HARDWARE CIRCUIT PROTECTION
- NIST CALIBRATED DATALOGGER
- PROGRAMING ON DEMAND
- INSTANT DATA PDF GENERATION
- CLEAR AND EASY TO USE INTERFACE

APLICATIONS::

Transportation   Pharmaceutical Transport   Produce Transport   Perishables Transport   Vaccines Transport

PRODUCT SPECIFICATIONS

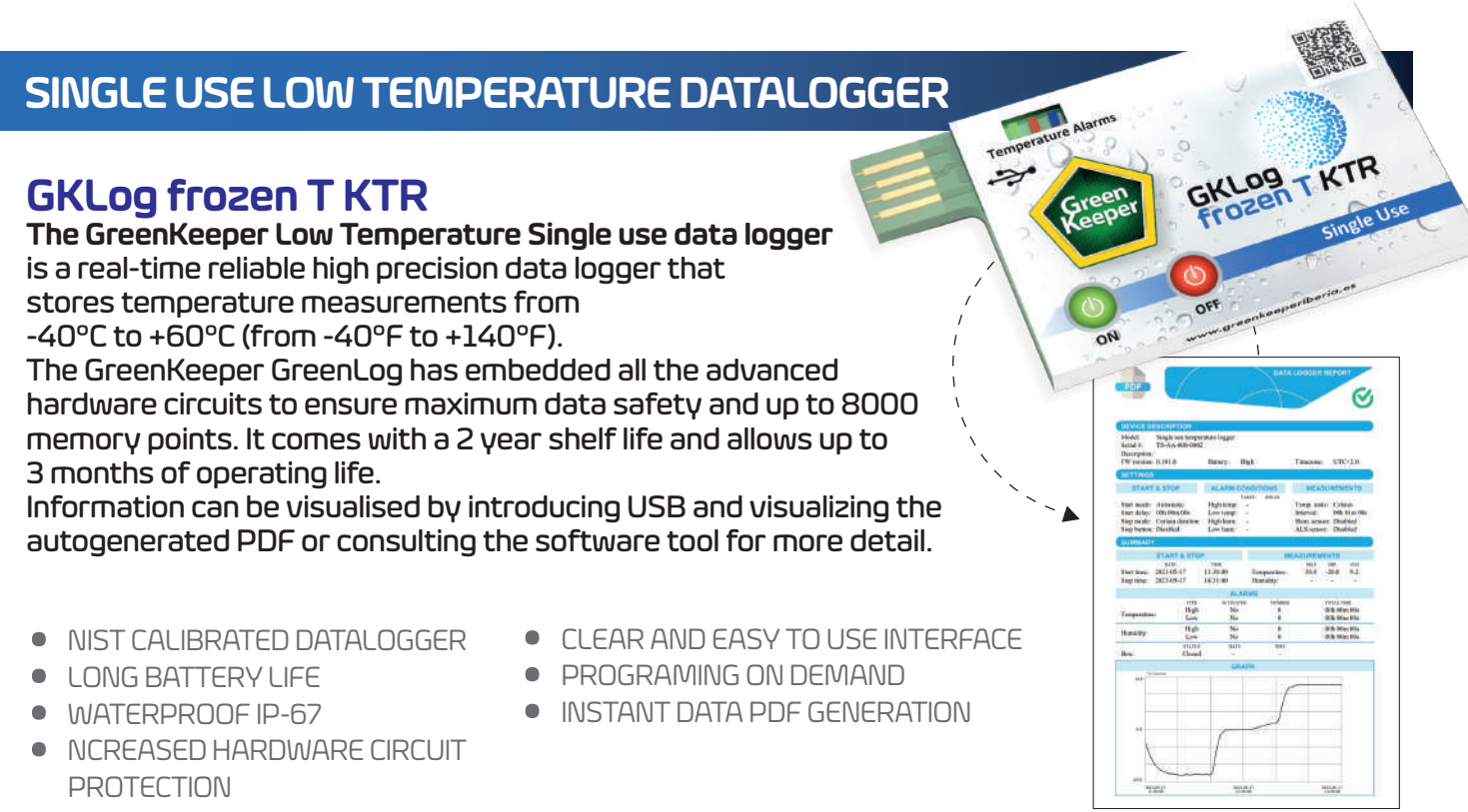| DATALOGGER			
Product code	GreenLog		
Operating temperature range	-30°C to +60°C (from -22°F to +140°F).		
Temperature Accuracy	± 0.1 °C		
Temperature Resolution	0.1°C		
Reaction time	1 minute		
Recording capacity	8000 samples		
Sampling interval	10 minutes (recommended)		
Logging start options	Start button	Start button with delay	Automatic start at specific date & time
Recording indication	Green "OK" indicator, Blue "Low temperature trigger" and Red " High temperature trigger"		
Alarms	1 low temperature and 1 high temperature with external LED indicators		
Download time	5 seconds		
Protection	IP67		
Certification	CE,RoHS		
Battery life	2 years on shelf and 6 months of normal use		
Real time clock	Built in Real Time Clock - Rated accuracy ±20ppm, Equivalent to 1minute/month of deviation		
Connection Interface	USB 2.0		
Information download	PDF Reader or software		
Size	67.5 mm x 37,4 mm		
Protection Material	Polypropylene bag		
Weight	35 g		
Protection Material	Polypropylene bag		

SINGLE USE LOW TEMPERATURE DATALOGGER

GKLog frozen T KTR

The GreenKeeper Low Temperature Single use data logger is a real-time reliable high precision data logger that stores temperature measurements from -40°C to +60°C (from -40°F to +140°F). The GreenKeeper GreenLog has embedded all the advanced hardware circuits to ensure maximum data safety and up to 8000 memory points. It comes with a 2 year shelf life and allows up to 3 months of operating life. Information can be visualised by introducing USB and visualizing the autogenerated PDF or consulting the software tool for more detail.

- NIST CALIBRATED DATALOGGER
- LONG BATTERY LIFE
- WATERPROOF IP-67
- NCREASED HARDWARE CIRCUIT PROTECTION
- CLEAR AND EASY TO USE INTERFACE
- PROGRAMING ON DEMAND
- INSTANT DATA PDF GENERATION

APLICATIONS::

Transportation   Pharmaceutical Transport   Produce Transport   Perishables Transport   Vaccines Transport

PRODUCT SPECIFICATIONS

DATALOGGER			
Product code	GreenLog		
Operating temperature range	-40°C to +60°C (from -4°F to +140°F).		
Temperature Accuracy	± 0.1 °C		
Temperature Resolution	0.1°C		
Reaction time	1 minute		
Recording capacity	8000 samples		
Sampling interval	10 minutes (recommended)		
Logging start options	Start button	Start button with delay	Automatic start at specific date & time
Recording indication	Green "OK" indicator, Blue "Low temperature trigger" and Red " High temperature trigger"		
Alarms	1 low temperature and 1 high temperature with external LED indicators		
Download time	5 seconds		
Protection	IP67		
Certification	CE,RoHS		
Battery life	2 years on shelf and 6 months of normal use		
Real time clock	Built in Real Time Clock - Rated accuracy ±20ppm, Equivalent to 1minute/month of deviation		
Connection Interface	USB 2.0		
Information download	PDF Reader or software		
Size	67.5 mm x 37,4 mm		
Protection Material	Polypropylene bag		
Weight	35 g		
Protection Material	Polypropylene bag		

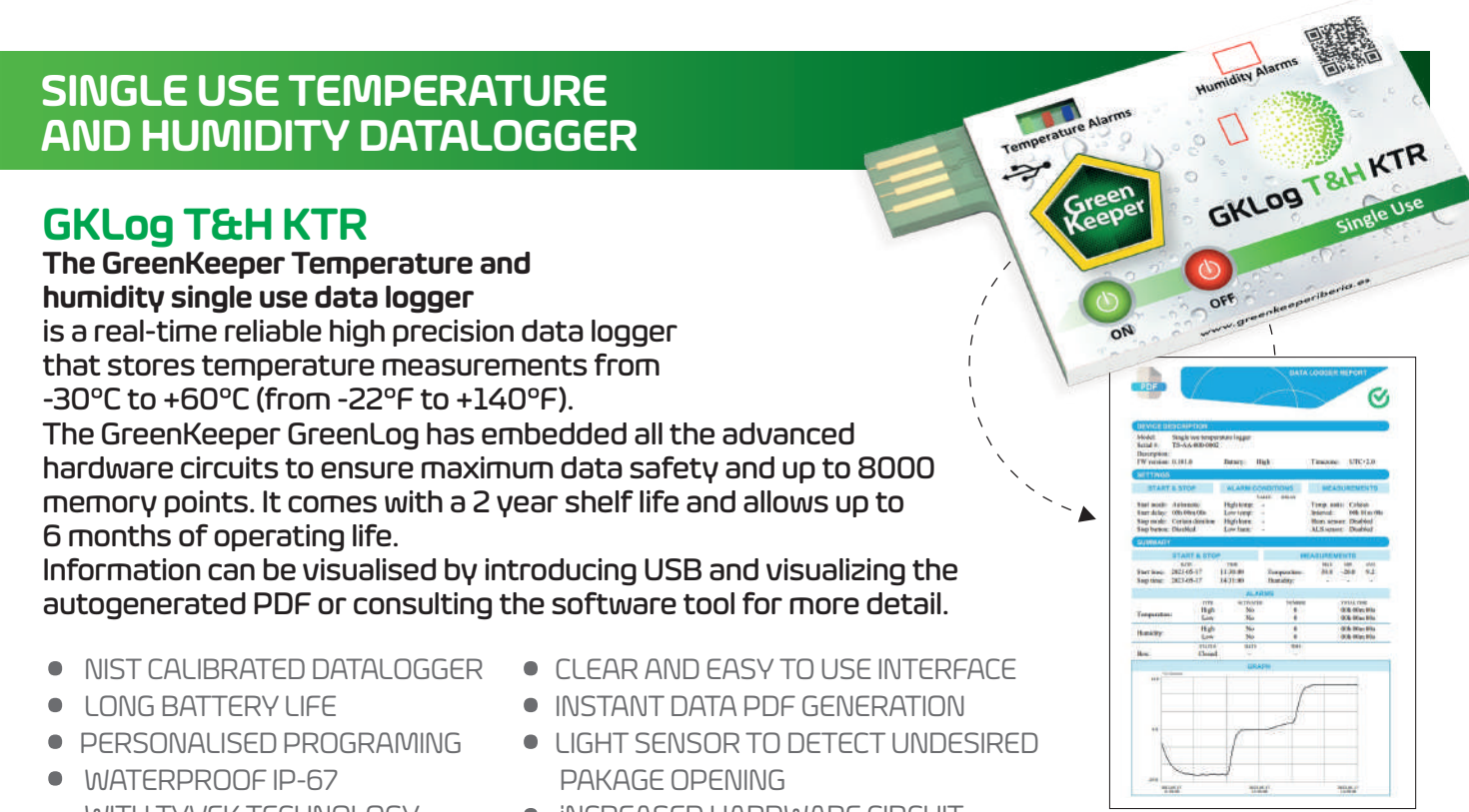---

SINGLE USE TEMPERATURE AND HUMIDITY DATALOGGER

GKLog T&H KTR

The GreenKeeper Temperature and humidity single use data logger is a real-time reliable high precision data logger that stores temperature measurements from -30°C to +60°C (from -22°F to +140°F). The GreenKeeper GreenLog has embedded all the advanced hardware circuits to ensure maximum data safety and up to 8000 memory points. It comes with a 2 year shelf life and allows up to 6 months of operating life. Information can be visualised by introducing USB and visualizing the autogenerated PDF or consulting the software tool for more detail.

- NIST CALIBRATED DATALOGGER
- LONG BATTERY LIFE
- PERSONALISED PROGRAMING
- WATERPROOF IP-67 WITH TYVEK TECHNOLOGY
- CLEAR AND EASY TO USE INTERFACE
- INSTANT DATA PDF GENERATION
- LIGHT SENSOR TO DETECT UNDESIRED PAKAGE OPENING
- INCREASED HARDWARE CIRCUIT PROTECTION

APLICATIONS::

Transportation   Pharmaceutical Transport   Produce Transport   Perishables Transport   Vaccines Transport

PRODUCT SPECIFICATIONS

DATALOGGER			
Product code	GreenLog		
Operating temperature range	-30°C to +60°C (from -22°F to +140°F).		
Temperature Accuracy	± 0.2 °C		
Temperature Resolution	0.1°C		
Operating humidity range	0 %RH to 100 %RH		
Relative Humidity Accuracy	±1.0 %RH		
Relative Humidity Resolution	0.1 %RH		
Reaction time	1 minute		
Recording capacity	8000 samples		
Sampling interval	10 minutes (recommended)		
Logging start options	Start button	Start button with delay	Automatic start at specific date & time
Recording indication	Green "OK" indicator, Blue "Low temperature trigger" and Red " High temperature trigger"		
Alarms	1 low temperature, 1 high temperature, 1 low humidity, 1 high humidity with external LED indicators		
Download time	5 seconds		
Protection	IP67		
Certification	CE,RoHS		
Battery life	2 years on shelf and 6 months of normal use		
Real time clock	Built in Real Time Clock - Rated accuracy ±20ppm, Equivalent to 1minute/month of deviation		
Connection Interface	USB 2.0		
Information download	PDF Reader or software		
Size	67.5 mm x 37,4 mm		
Protection Material	Polypropylene bag + Tyvek stiker		
Weight	35 g		
Protection Material	Polypropylene bag		