



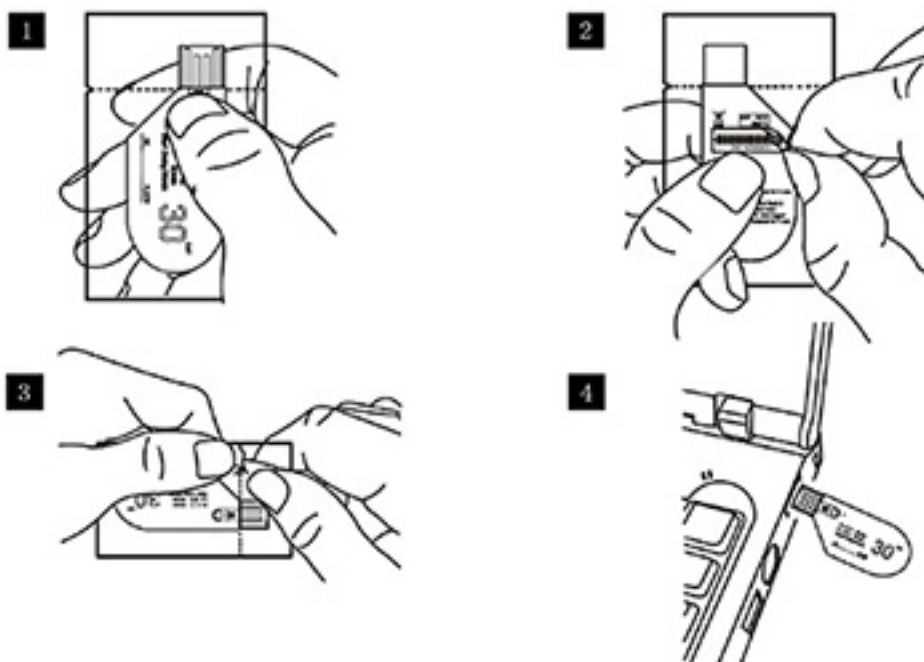
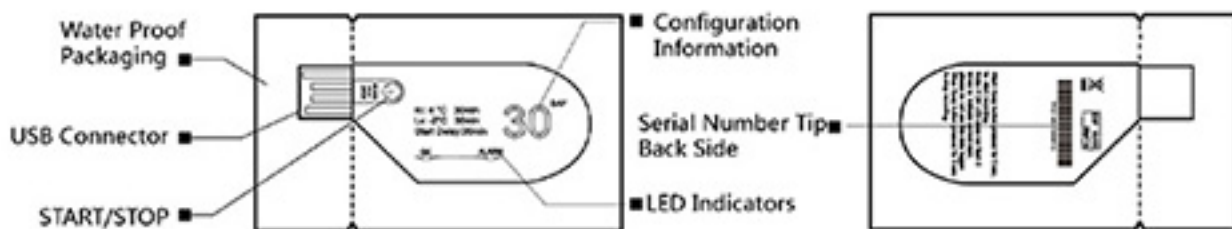
# COOLLOG™

Temperature logging Label Series

## User Manual & Product information

### Product Profile:

CoolLoG series label is the exclusive brand of BT PACK cold chain data logger, especially designed AND manufactured internally for temperature monitoring during distribution and storage of food, pharmaceuticals, chemicals and other perishable products. After recording is over, CoolLoG can be directly inserted to computer's USB port, and then it automatically generates a PDF report unless need of any software. CoolLoG can also automatically run the Temp-Tracking software and generate as well as saving a report which contains the complete time and temperature data, including summary data, data graph and data table etc.



1. Keep button pressed for minimum 5 sec to start recording. Then OK light flashes 5 times and then during 2 minutes, which indicates a successful starting.

2. Tear off the barcode label for further use (Serial number in barcode is consistent with the one in the PDF report).
3. Keep button pressed for minimum 5 sec to stop recording. Then ALARM light flashes 5 times, which indicates a successful stopping.
4. After stopping record, tear off the transparent plastic cover and connect the logger to a free USB port of the computer. The PDF report will be automatically generated. Open U disk and check the generated PDF temperature data report. And also you can get the report from PC software.

## CoolLoG Temperature Label Series

### **Technical parameters**

- ✚ Measurement Range: -30 °C ~ +70 °C (-22 °F ~ 158 °F)
- ✚ Accuracy: ±0.5 °C / 0.9 °F / Resolution: 0.1 °C / °F
- ✚ Record cycle (interval): 6days (each 1min) – 15days (2min) – 30days (3min) - 45days (4min) – 60days (5min) – 90days (6min) selectable
- ✚ Alarm type: Consecutive or cumulative under request
- ✚ Temperature unit: °C / °F
- ✚ Alarm temperature:
  1. Basic product: 2 °C ~ 8 °C (35.6 °F ~ 46.4 °F)
  2. General product: 0 °C ~ 4 °C (32.0 °F ~ 39.2 °F)
  3. Meat & Dairy: -2 °C ~ 4 °C (28.4 °F ~ 39.2 °F)
  4. Frozen food: -23 °C ~ -7 °C (-9.4 °F ~ 19.4 °F)
  5. Further temperature alarm range available under request
- ✚ Record time delay: Standard 30 minutes, other time configurable
- ✚ Alarm time delay: Standard 30 minutes, other time configurable Typical Run Time: 90 days max
- ✚ Shelf Life: 1 year
- ✚ Button: Start/Stop/Events/Check the running status
- ✚ Events: 10 times max
- ✚ Display: LED (OK, Alarm, Events, Running Status)
- ✚ Report type: Encrypted PDF file and PC software
- ✚ Software: Temp-Tracking upon request only
- ✚ Connection: USB 2.0
- ✚ Power supply: 3.0V CR2032 lithium battery
- ✚ Supported operating system: WIN XP/7/8 and MAC
- ✚ Water proof level: IP67
- ✚ Size: 83.0mm L x 47.3mm W x 6.0mm H
- ✚ Weight: Approx. 10.4g
- ✚ Packaging : Food-Safety Plastic Bag

## Operational Indication

Start / Stop	LED indication	Note
Before start, press button for more than 5s	OK light flashes 5 times	Start data logger
After start, press button for more than 5s / reach record cycle	ALARM light flashes 5 times	Stop data logger
After start, insert the logger into computer	Lights flash	Stop data logger

Status	Action	LED indication
Inactivated	Short press button	ALARM and OK lights flashes at the same time
Start delay	Short press button	Ok and ALARM lights flashes in turn for one time
Activated	Short press button	OK light flashes (normal temperature)
		ALARM light flashes (over temperature)
Activated	Double- click button	Ok light flashes three times(set event successfully)
		Alarm light flashes three times (10 times of special event marks had been done, and the max times of special event mark is 10.)
Stopped	Short press button	OK (alarm free) or ALARM (alarm) light flashes two times



## **BULKTRANS-PACK**

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### *SUPPLIER'S CERTIFICATE OF COMPLIANCE*

Date of Purchase :

*TO : WHOM IT MAY CONCERN*

<b>Product</b>	USB temperature dataloggers (60 days)
<b>Model</b>	Single use Coollog 2.0 to direct pdf
<b>Total (of pcs)</b>	50
<b>Serial No.</b>	TRS161000279C – TRS 161000328
<b>Configuration date/Lot Code</b>	Oct. 8.15.2016/Oct. 10.15.2016

<b>Product</b>	USB temperature dataloggers (30 days) with alarm +4° to +8°c
<b>Model</b>	Single use Coollog 2.0 to direct pdf
<b>Total (of pcs)</b>	950
<b>Serial No.</b>	TRS161000410C – TRS 161001359
<b>Configuration date/Lot Code</b>	Oct. 8.2016/Oct. 13.2016

Bulktrans-Pack certifies that the instrumentation listed above has been manufactured and tested for calibration accuracy to meet the published specifications. Standards of measurement used in the calibration can be traceable.

Our measurement devices are certified against National Institute for Standards and Technology (NIST) by a Primary Standard Laboratory. Bulktrans-Pack guarantee that every single units have been tested the voltage which are above 3.0V. all PCBA have been tested in freezer environment for 1.5 days.

Bulktrans-Pack certifies that all our products complies with CE EN12830 and TR software was designed under the term sheet of FDA 21CFR11.

Bulktrans-Pack instruments have a limited warranty period of 1 year against defects in material, calibration from date of purchase.

Signed: BT PACK Sarl France

## **BULKTRANS-PACK**

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# Introduction

Congratulations on your purchase of this single use cold chain datalogger. This datalogger specifically designed for monitoring the transportation of products subject to cold chain requirements.

To avoid any damaging, please read through this instruction carefully before use. The former



Not Started

push button 1 time

No indication

Recording-ok

push button 1 time

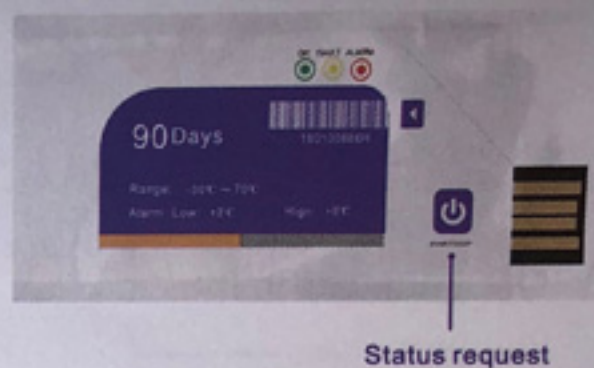
green led flashing 1 time



## Operation Instruction



**01** Push Start/Stop button for 5 seconds to start recording. Then **GREEN LED** flashes 5 times. This indicates a successful starting. Tear off serial number label and paste on required area.



**02** Fast press button once at any time during the recording status. The green led flash 1 time to indicate the recording process is ok.



**03** Push Start/Stop button for 5 seconds to stop recording. Then **RED LED** flashes 3 times. Which indicates a successful stopping.



**04** After stopping record, tear off the transparent plastic cover and plug into USB port of a computer. The PDF report will be generated automatically and can be found in the device folder.

## Operation Indication

### Start/Stop

Status	Action	LED confirmation
Start Logger	5 sec pushing button	green led flashing 5 times ●●●●●
Stop Logger	5 sec pushing button	red led flashing 3 times ●●●

### Status Request by pushing Button 1 time

Status	Action	LED confirmation
Not Started	push button 1 time	No indication
Recording-ok	push button 1 time	green led flashing 1 time ●

# Introduction

Congratulations on your purchase of this single use cold chain datalogger. This datalogger specifically designed for monitoring the transportation of products subject to cold chain requirements.

To avoid any damaging, please read through this instruction manual before using. The logger is calibrated before shipment.

## 🔍 Technical Specifications

Temperature Unit	°C or °F	Size	76mm x 31mm x 4.5mm [L x W x H]
Temperature range	-30°C to +70°C (-22°F to 158°F)	Weight	approx 15g
Accuracy	±0.5°C/0.9°F (-20°C/+40°C) otherwise ±1.0	Certified	En12830, CE, RoHS NIST
Time Zone	UTC (UTC = GMT)	Calibration certificate	Nvlap NIST traceable (United States)
Resolution	0.1°C/°F	Software	Self-generated, no software required
Storage capacity	115200 Measurements	Report	Adobe PDF graphics
Run time	up to 110days (depending on model)	Automatic report	PDF
Life/Battery	18months/CR2032 button cell battery	PC connection	USB2.0
Stop method	Push stop or automatic stop when plug into PC.	Delivery contents	Dispatch documents, certificate, writeable label and sealable pouch
Protection class	IPE67/NEMA 6		