

## iMINI USB pdf

The iMINI USB pdf single trip data logger generates a comprehensive PDF report without the need for proprietary software or interface. It comes pre-programmed; just press the start button and go. It is data logging made easy.



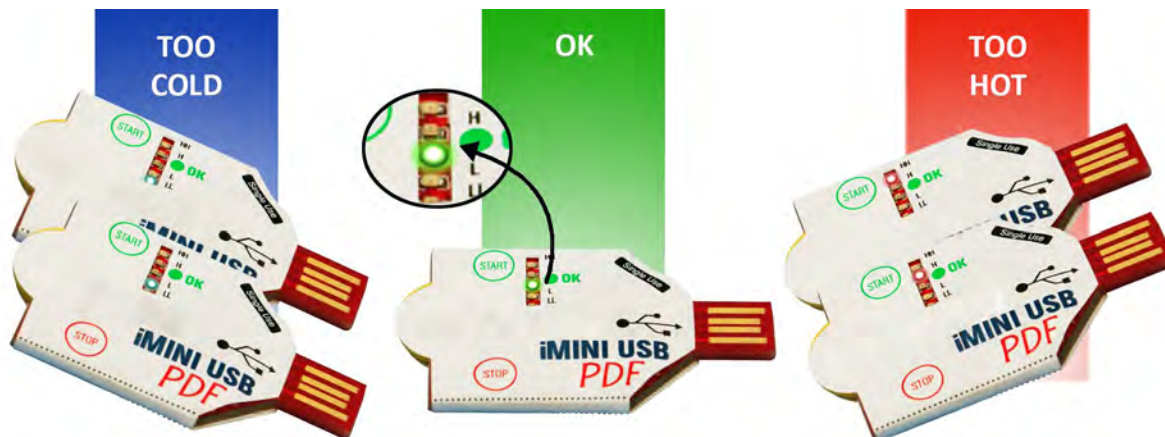
## Features



- Plug & Play single trip data logger
- No special software; data automatically opens as a PDF
- Preprogrammed to customer specifications
- Compact profile; weighs less than 14g
- Contained in waterproof pouch
- Large memory capacity; 7928 readings
- Five LEDs provide instant status
- 21 CFR Part 11 compliant

## Four Alarm Thresholds

Now with expanded alarm thresholds, users are able to see a warning of temperature variances using the low and high settings as well as catastrophic levels with low low and high high settings, ensuring safe transport of perishable cargo.



Certifications:



21 CFR  
Part 11



NIST  
Traceable



## Specifications

Description	Specifications
Product Code	MS-ST-S-8
Memory Options	8K, 7928 readings
Program Interval	5 seconds to 17 hours
Time Accuracy	±1 hour per year
Sensors	Internal
Temperature Range	-40 °C to +80 °C (-40 °F to +176 °F)
Temperature Accuracy	±0.5 °C (-40 °C to -10 °C), ±1 °F (-40 °F to +14 °F); ±0.3 °C (-10 °C to +80 °C), ±0.6 °F (+14 °F to +176 °F)
Resolution	0.1 °C (0.1 °F)
Sensor Response Time	T90 of 5 minutes in moving air
LCD Operating Range	N/A
Alarm Thresholds	4 thresholds; 2 red LEDs, 2 blue LEDs
Alarm Configuration	High high, high, low & low low
Bookmark	Yes, maximum 8
Preprogram Option	Factory programmed
Start Option	Push button
Auto Restart	N/A
Start Delay	Yes, 1 minute to 99 days
Stop Option	Yes, stop button (can be disabled)
Size	68x37x5mm (without sleeve); 81x52x5mm (with sleeve)
Weight	14 grams
Case Material	Plastic sleeve
Battery	3.0V
IP Rating	IP 65
Warranty	1 Trip
Security	All files/data in the logger are read only (write protected)
Accuracy Certificate	Upon request
Other Certification	ISO9001:2008, CE, RoHS
Battery Life	1 Year
Interface	USB
Software	ConsolePlus
Default File Format	PDF, TXT, CVT & CSV
Data Export	TXT, CSV, CVT & PDF

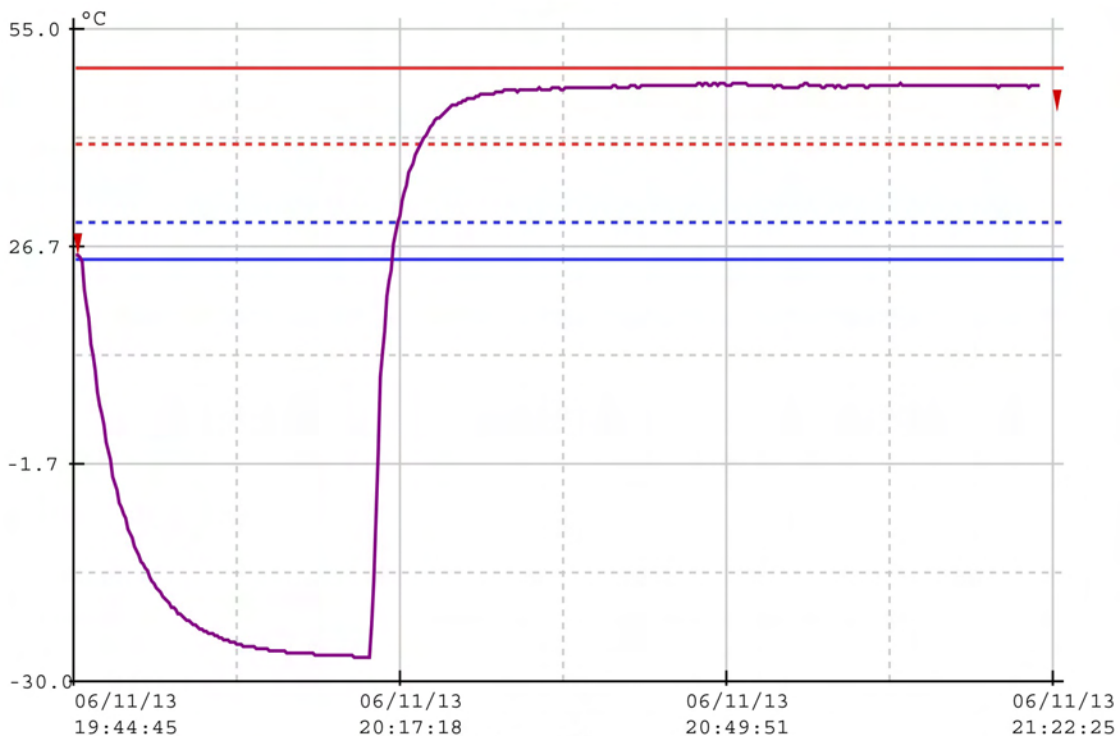




MS-CD-300-8545  
21:22:45 06/11/2013

Device specification	
Product code	MS-ST-S-8-P
Serial Number	MS-CD-300-8545
H/W Version	Ver_2_08
Trip Remaining	No
Description	Cryopak Verification Tech.
Battery	100%
Original time zone	UTC: -1
Start	06/11/2013 19:44:45
Finish	06/11/2013 21:22:25/C
Start Delay	0m
Interval	10s
Readings	587
Temperature Range	-40 to +80 °C
High High Alarm	50.0 °C
High Alarm	40.0 °C
Low Alarm	30.0 °C
Low Low Alarm	25.0 °C

## Record





MS-CD-300-8545  
21:22:45 06/11/2013

### Statistics

Highest	48.0 °C
Average	26.2 °C
Lowest	-26.8 °C
High High Alarm	Enabled
High Alarm	Activated
Low Alarm	Activated
Low Low Alarm	Activated

### Out of specification

Above High High Alarm	00h00m00s
Above High Alarm	01h03m20s
Below Low Alarm	00h32m20s
Below Low Low Alarm	00h31m10s

### 21 CFR part 11 Compliant

Security #	D285
ID-User name	#12-Saak Dertadian

### Traceable Accuracy Certificate

<b>Certificate No</b>	TT-MS-CD-300-8545		
<b>Certificate Date</b>	06/11/2013		
<b>Certificate Validity</b>	One Year or One Trip		
<b>Reference</b>	58.79°C	25.07°C	-19.53°C
<b>Logger</b>	58.79°C	25.30°C	-19.10°C
<b>Variance</b>	0.00°C	0.22°C	0.44°C
<b>Pass / Fail</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>

S Range Temperature range: (-40°C to +80°C) Resolution: 0.1°C  
Traceable Accuracy: ±0.5°C (-40°C to -10°C), ±0.3°C (-10°C to +80°C)

This product is certified using standards traceable to NIST. It has been tested and validated according to Cryopak's Standard Operating Procedures following guidelines set forth in ISO9001:2008.  
All temperatures are in degrees Celsius. These results do not incorporate the tolerance of the sensor.  
The associated uncertainty is 0.2

