

▶ PLUG GUIDE



americanthermal.com

937.429.2114 | info@americanthermal.com



american
thermal
instruments

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ABOUT US

The I-PLUG electronic data logger is extremely easy-to-use and interpret. With an optional LED or LCD display showcasing the temperature data, you will instantly know if your product has been exposed to critical temperatures. The compact design is easily integrated into your packaging and has a wide temperature range for various applications. LOG-IC 360’s I-PLUG logger will instantly show if your shipment has seen temperatures that could affect the efficacy or overall quality of your product. Protect your brand and give your customers the assurance they need with a compact and reliable temperature monitoring solution. *MADE IN SWITZERLAND*

ACCESSIBLE DATA

Upon receipt of your shipment, plug in the I-PLUG data logger to any USB port. A PDF containing the temperature data will automatically be generated and displayed on-screen for your review. CAVU Hub allows data to be tracked/captured and can be shared with key stakeholders throughout your supply chain.

EASY CONFIGURATION

With the free CAVU HUB software, you can configure each logger following a step-by-step application. Simply, plug in the logger and input the necessary configuration with up to 4 temperature alarms. With a click of the on/off button, the logger is actively tracking temperature.



LOG-IC 360[®]

▶▶ PLUG SOLUTIONS

LOG-IC 360[®]



LOG-IC 360[®]
Revolutionize Your Cold Chain[®]

SINGLE-USE LED

LOG-IC PDF Single-Use Temperature Data Logger DISPLAY TYPE: LED

Temperature Measurement Range	-30°C to 65°C
Temperature Accuracy	±0.5°C
Connection	USB
Alarms	Up to 4 programmable alarms
Temperature Resolution	0.06°C
Start-up Delay	Adjustable
Data Sampling Interval	From 1 minute
Data Storage Capacity	8,000
Shelf Life (not active)	2 Years
Use Life (active)	Up to 1 Year
Certification	CE, RoHs
Dimensions (mm)	73 x 15 x 33
Weight	28g



PART NUMBER-SW-IPST8

RECOMMENDED INDUSTRY:
Pharmaceutical, Medical Device, Food, Industrial

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LOG-IC PDF Single-Use Temperature Data Logger with LCD Screen
DISPLAY TYPE: LCD

Temperature Measurement Range	-20°C to 65°C
Temperature Accuracy	±0.5°C
Connection	USB
Alarms	Up to 4 programmable alarms
Temperature Resolution	0.06°C
Start-up Delay	Adjustable
Data Sampling Interval	From 1 minute
Data Storage Capacity	8,000
Shelf Life (not active)	2 Years
Use Life (active)	Up to 1 Year
Certification	CE, RoHs
Dimensions (mm)	73 x 15 x 33
Weight	28g



PART NUMBER-SW-IPST8D

RECOMMENDED INDUSTRY:
Pharmaceutical, Medical Device, Food, Industrial

LOG-IC PDF Multi-Use Temperature Data Logger
DISPLAY TYPE: LED

Temperature Measurement Range	-30°C to 65°C
Temperature Accuracy	±0.5°C
Connection	USB
Alarms	Up to 4 programmable alarms
Temperature Resolution	0.06°C
Start-up Delay	Adjustable
Data Sampling Interval	From 1 minute
Data Storage Capacity	8,000
Shelf Life (not active)	2 Years
Use Life (active)	Up to 1 Year
Certification	CE, RoHs
Dimensions (mm)	73 x 15 x 33
Weight	28g



PART NUMBER-SW-IPMT8

RECOMMENDED INDUSTRY:
Pharmaceutical, Medical Device, Food, Industrial; Closed loop supply chain/fixed asset

LOG-IC PDF Multi-Use Temperature Data Logger with LCD Screen
DISPLAY: LCD

Temperature Measurement Range	-20°C to 65°C
Temperature Accuracy	±0.5°C
Connection	USB
Alarms	Up to 4 programmable alarms
Temperature Resolution	0.06°C
Start-up Delay	Adjustable
Data Sampling Interval	From 1 minute
Data Storage Capacity	8,000
Shelf Life (not active)	2 Years
Use Life (active)	Up to 1 Year
Certification	CE, RoHs
Dimensions (mm)	73 x 15 x 33
Weight	28g



PART NUMBER-SW-IPMT8D

RECOMMENDED INDUSTRY:

Pharmaceutical, Medical Device, Food, Industrial; Closed loop supply chain/fixed asset

LOG-IC PDF Bio Single-Use Temperature Data Logger with LED Screen
DISPLAY: LED

***CFR 21 Part 11 Compliant**

Temperature Measurement Range	-30°C to +65°C
Temperature Accuracy	± 0.5°C
Connection	USB
Alarms	Up to 4 programmable alarms
Temperature Resolution	0.06°C
Start-up Delay	Adjustable
Data Sampling Interval	From 1 minute
Data Storage Capacity	8,000
Shelf Life (not active)	2 Years
Use Life (active)	Up to 1 Year
Certification	CE, RoHs, FDA CFR 21 Part 11 Compliant
Dimensions (mm)	73 x 15 x 33
Weight	28g



PART NUMBER-SW-IPMT8

RECOMMENDED INDUSTRY:

Pharmaceutical/Medical Device



PART NUMBER-SW-IPMT8B

LOG-IC PDF Bio Multi-Use Temperature Data Logger with LED Screen

DISPLAY: LED
*CFR 21 Part 11 Compliant

Temperature Measurement Range	-30°C to 65°C
Temperature Accuracy	±0.5°C
Connection	USB
Alarms	Up to 4 programmable alarms
Temperature Resolution	0.06°C
Start-up Delay	Adjustable
Data Sampling Interval	From 1 minute
Data Storage Capacity	8,000
Shelf Life (not active)	2 Years
Use Life (active)	Up to 1 Year
Certification	CE, RoHs, FDA CFR 21 Part 11 Compliant
Dimensions (mm)	73 x 15 x 33
Weight	28g

RECOMMENDED INDUSTRY:
Pharmaceutical, Medical Device; Closed loop supply chain/fixed asset



PART NUMBER-SW-IPST8BD

LOG-IC PDF Bio Single-Use Temperature Data Logger with LCD Screen

DISPLAY: LCD
*CFR 21 Part 11 Compliant

Temperature Measurement Range	-20°C to 65°C
Temperature Accuracy	±0.5°C
Connection	USB
Alarms	Up to 4 programmable alarms
Temperature Resolution	0.06°C
Start-up Delay	Adjustable
Data Sampling Interval	From 1 minute
Data Storage Capacity	8,000
Shelf Life (not active)	2 Years
Use Life (active)	Up to 1 Year
Certification	CE, RoHs, FDA CFR 21 Part 11 compliant
Dimensions (mm)	73 x 15 x 33
Weight	28g

RECOMMENDED INDUSTRY:
Pharmaceutical/Medical Device

LOG-IC PDF Bio Multi-Use Temperature Data Logger with LCD Screen

DISPLAY: LCD

*CFR 21 Part 11 Compliant

Temperature Measurement Range	-20°C to 65°C
Temperature Accuracy	±0.5°C
Connection	USB
Alarms	Up to 4 programmable alarms
Temperature Resolution	0.06°C
Start-up Delay	Adjustable
Data Sampling Interval	From 1 minute
Data Storage Capacity	8,000
Shelf Life (not active)	2 Years
Use Life (active)	Up to 1 Year
Certification	CE, RoHs, FDA CFR 21 Part 11 compliant
Dimensions (mm)	73 x 15 x 33
Weight	28g



PART NUMBER-SW-IPMT8BD

RECOMMENDED INDUSTRY:

Pharmaceutical, Medical Device; Closed loop supply chain/fixed asset

LOG-IC PDF Single-Use Temperature Data Logger for Freezing Temperatures

DISPLAY: LED

Temperature Measurement Range	-45°C to 65°C
Temperature Accuracy	±0.5°C
Connection	USB
Alarms	Up to 4 programmable alarms
Temperature Resolution	0.06°C
Start-up Delay	Adjustable
Data Sampling Interval	From 1 minute
Data Storage Capacity	8,000
Shelf Life (not active)	2 Years
Use Life (active)	Up to 1 Year
Certification	CE, RoHs
Dimensions (mm)	73 x 15 x 33
Weight	28g



PART NUMBER-SW-IPST8KN

RECOMMENDED INDUSTRY:

Food Industry



PART NUMBER-SW-IPST8-ICE

LOG-IC PDF Single-Use Dry Ice Temperature Data Logger
DISPLAY: LED

Temperature Measurement Range	-80°C to 20°C
Temperature Accuracy	0.5°C from 20°C to -45°C 1.0°C from -45°C to -65°C 1.5°C from -65°C to -80°C
Connection	USB
Alarms	Up to 4 programmable alarms
Temperature Resolution	0.01°C
Start-up Delay	Adjustable
Data Sampling Interval	From 1 minute
Data Storage Capacity	8,000
Shelf Life (not active)	2 Years
Use Life (active)	Up to 1 Year
Certification	CE, RoHs
Dimensions (mm)	73 x 15 x 33
Weight	28g

RECOMMENDED INDUSTRY:
Cryo/Biologistic



PART NUMBER-SW-IPMT8-ICE

LOG-IC PDF Multi-Use Dry Ice Temperature Data Logger
DISPLAY: LED

Temperature Measurement Range	-80°C to 20°C
Temperature Accuracy	0.5°C from 20°C to -45°C 1.0°C from -45°C to -65°C 1.5°C from -65°C to -80°C
Connection	USB
Alarms	Up to 4 programmable alarms
Temperature Resolution	0.01°C
Start-up Delay	Adjustable
Data Sampling Interval	From 1 minute
Data Storage Capacity	8,000
Shelf Life (not active)	2 Years
Use Life (active)	Up to 1 Year
Certification	CE, RoHs
Dimensions (mm)	73 x 15 x 33
Weight	28g

RECOMMENDED INDUSTRY:
Cryo/Biologistic

LOG-IC PDF Single-Use Temperature and Humidity Data Logger
DISPLAY: LED

Temperature Measurement Range	-30°C to 65°C
Temperature Accuracy	±0.3°C
Humidity Accuracy	5%
Connection	USB
Alarms	Up to 4 programmable alarms
Temperature Resolution	0.1°C
Humidity Resolution	±0.04%
Start-up Delay	Adjustable
Data Sampling Interval	From 1 minute
Data Storage Capacity	10,000
Shelf Life (not active)	2 Years
Use Life (active)	Up to 1 Year
Certification	CE, RoHs
Dimensions (mm)	73 x 15 x 33
Weight	28g

PART NUMBER-SW-IPSH20

RECOMMENDED INDUSTRY:
Food, Industrial, Cannabis

LOG-IC PDF Single-Use Temperature Data Logger with
LCD Screen and External Round Probe
DISPLAY: LCD

Temperature Measurement Range	-40°C to 65°C (Probe only)
Temperature Accuracy	±0.5°C
Connection	USB
External Sensor	Stainless Steel Round Probe
Alarms	Up to 4 programmable alarms
Temperature Resolution	0.06°C
Start-up Delay	Adjustable
Data Sampling Interval	From 1 minute
Data Storage Capacity	8,000
Shelf Life (not active)	2 Years
Use Life (active)	Up to 1 Year
Certification	CE, RoHs
Dimensions (mm)	73 x 15 x 33
Weight	30g

PART NUMBER-SW-IPST8DX1

RECOMMENDED INDUSTRY:
Clinical Testing, Validation Testing, Secure Shipping



PART NUMBER-IPMT8DX1

LOG-IC PDF Multi-Use Temperature Data Logger with LCD Screen and External Round Probe
DISPLAY: LCD

Temperature Measurement Range	-40°C to 65°C (Probe only)
Temperature Accuracy	±0.5°C
Connection	USB
External Sensor	Stainless Steel Round Probe
Alarms	Up to 4 programmable alarms
Temperature Resolution	0.06°C
Start-up Delay	Adjustable
Data Sampling Interval	From 1 minute
Data Storage Capacity	8,000
Shelf Life (not active)	2 Years
Use Life (active)	Up to 1 Year
Certification	CE, RoHs
Dimensions (mm)	73 x 15 x 33
Weight	30g

RECOMMENDED INDUSTRY:
Clinical Testing, Validation Testing, Secure Shipping



PART NUMBER-SW-IPST8DX4

LOG-IC PDF Single-Use Temperature Data Logger with LCD Screen and External 6” Needle Probe
DISPLAY: LCD

Temperature Measurement Range	-40°C to 65°C (Probe only)
Temperature Accuracy	±0.5°C
Connection	USB
External Sensor	Stainless Steel 6” Needle Probe
Alarms	Up to 4 programmable alarms
Temperature Resolution	0.06°C
Start-up Delay	Adjustable
Data Sampling Interval	From 1 minute
Data Storage Capacity	8,000
Shelf Life (not active)	2 Years
Use Life (active)	Up to 1 Year
Certification	CE, RoHs
Dimensions (mm)	73 x 15 x 33
Weight	30g

RECOMMENDED INDUSTRY:
Clinical Testing, Validation Testing, Secure Shipping

LOG-IC PDF Multi-Use Temperature Data Logger with
LCD Screen and External 6” Needle Probe
DISPLAY: LCD

Temperature Measurement Range	-40°C to 65°C (Probe only)
Temperature Accuracy	±0.5°C
Connection	USB
External Sensor	Stainless Steel 6” Needle Probe
Alarms	Up to 4 programmable alarms
Temperature Resolution	0.06°C
Start-up Delay	Adjustable
Data Sampling Interval	From 1 minute
Data Storage Capacity	8,000
Shelf Life (not active)	2 Years
Use Life (active)	Up to 1 Year
Certification	CE, RoHs
Dimensions (mm)	73 x 15 x 33
Weight	30g



PART NUMBER-IPMT8DX4

RECOMMENDED INDUSTRY:
Clinical Testing, Validation Testing, Secure Shipping



CAVU Hub allows companies to manage, distribute and analyze critical temperature and humidity data. Providing valuable connectivity to your supply chain, CAVU Hub allows for universal visibility into your product’s life cycle as it travels from manufacturing to delivery.

BENEFITS INCLUDE

- Secure, 24/7 service
- Dashboard for data analysis
- Sorting and filtering
- Exception management via email and SMS notifications
- Uploads available via remote/mobile phone

Temperature and humidity data becomes readily available to key stakeholders throughout the supply chain. Trends within shipping lanes and logistics partners provide valuable insight to quality data that allows you to be proactive, or even predictive when shipping valuable product.

CAVU Hub provides a streamlined and easy-to-use interface to accurately identify a potential compromise. There is no longer a need for physical retains as digital records are now available within the Hub – anytime, anywhere.

CAVU Hub’s Dashboard View provides detailed reports to help you manage your temperature and humidity data.

Dashboard features include showing:

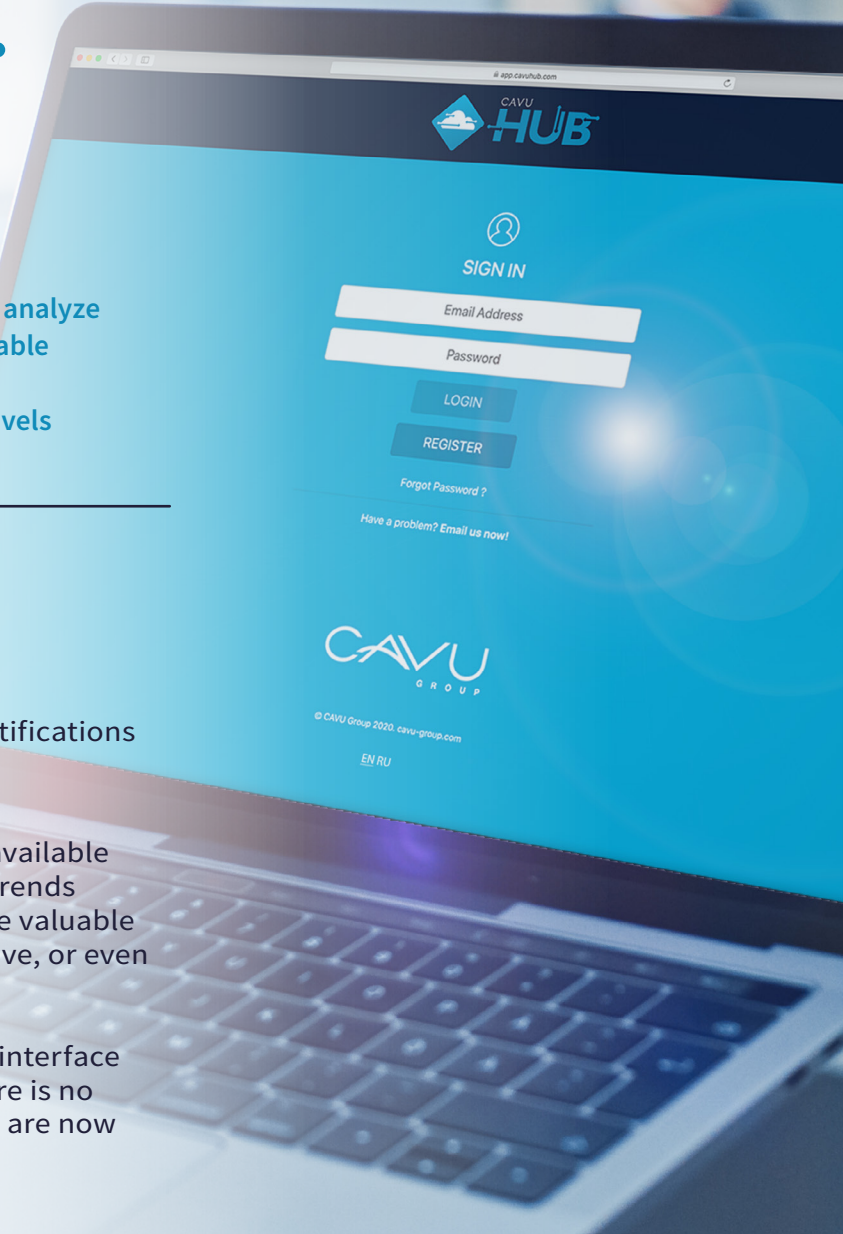
- Excursions
- Routes
- Maintenance Reports
- Deployed Profiles
- Compare Data

COMPARE FEATURE

Simply select a preferred list of devices and compare sessions to gain a better understanding of temperature within shipping lanes and with various logistics partners. You can quickly view or overlay the data, and easily export to share throughout your supply chain.

MANAGED ORGANIZATIONS

CAVU Hub provides the ability to not only track your company’s data, but also carriers, distributors and other shipping partners. By managing organizations and adding outside users, you will have full visibility into your supply chain.



CAVU HUB IS SCALABLE BASED ON YOUR BUSINESS NEEDS



STORE YOUR TEMPERATURE DATA PLUS:

- Unlimited Users
- Unlimited Uploads
- Email Notifications
- Data Stored for 1 Year

Do you simply need to upload and store your temperature and/or humidity data?

HUB is all you need!



HUB PLUS:

- Excursions
- Routes
- Maintenance
- Deployed Profiles
- Ability to Compare Data
- 200 SMS Notification's Per Month*
- Maintains 2 Years of Data

*ADDITIONAL CHARGES APPLY FOR ADDITIONAL AND INTERNATIONAL NOTIFICATIONS

Does your company ship your temperature-sensitive products and extract the data themselves from one primary location?

HUB ANALYTICS is the perfect fit for you!



HUB ANALYTICS PLUS

- Ability to Manage your Supply Chain's Data
- 400 SMS Notifications Per Month*
- Maintains 3 Years of Data
- API Support for 3rd Party Software (CUSTOM INTEGRATION NOT INCLUDED IN PRICING)

*ADDITIONAL CHARGES APPLY FOR ADDITIONAL AND INTERNATIONAL NOTIFICATIONS

*ADDITIONAL SMS OPTIONS AVAILABLE

Do you have a number of stakeholders extracting data in multiple locations throughout your supply chain?

HUB & SPOKE ANALYTICS is the best choice for your organization!



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