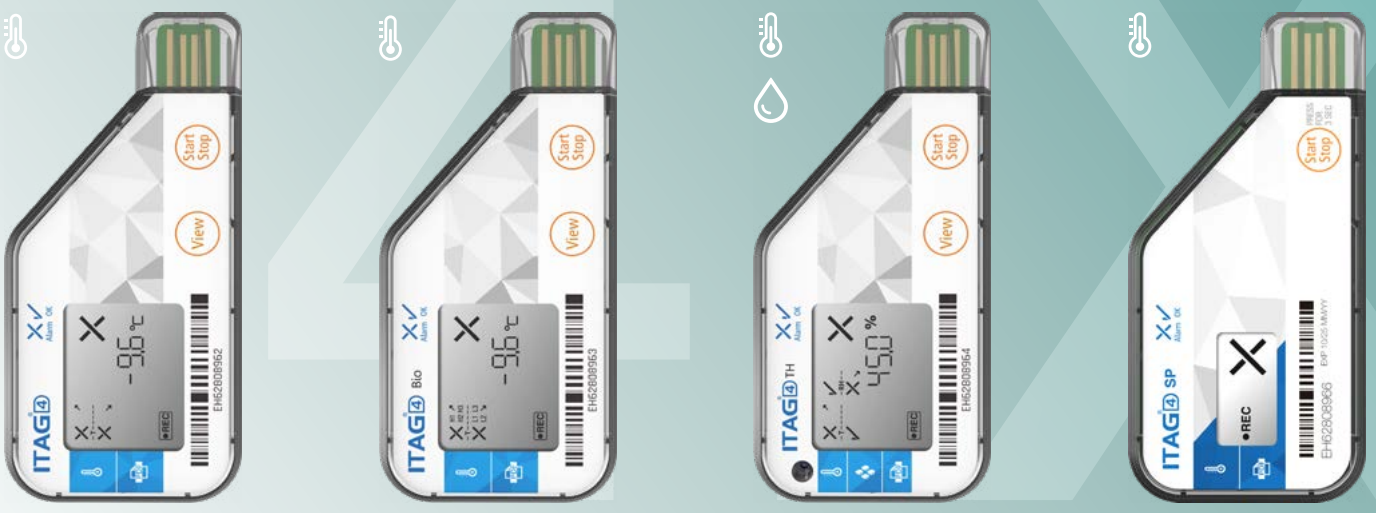
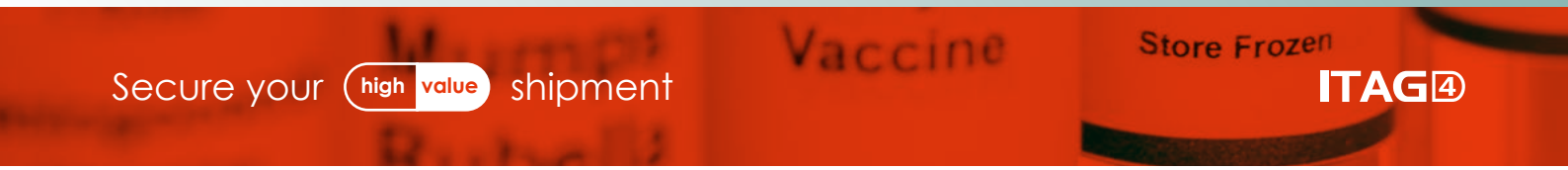
TEMPSEN

ITAG™4 Series Single-use Data Loggers



Secure your high value shipment



Auto PDF Report

Automatically generates encrypted PDF format report which includes detailed summaries, statistics, alarm information, chart and optional tabular data, meanwhile the embedded raw data allows for further data processing via TempSen Cloud or any third-party system.

Extractable and verifiable raw data embedded

Raw data embedded in PDF file could be extracted and verified by any 3rd party system for central management.

Software-Free Configuration

Rapid programming data logger using configuration file, no need to install dedicated software or driver to configure data loggers in Windows or Mac OS.

LCD

The easy-to-read LCD provides all key information about recording, including alarm and running status, monitoring history, alarm violation indication, and duration statistics.

21 CFR 11 Compliance

Designed for FDA 21 CFR Part 11 compliance.

(use with TempSen Express)

Qualified for Air Freight

Complies with IATA PI970 II and RTCA/DO-160G Environmental Conditions and Test Procedures for Airborne Equipment, qualified for air shipment in active status.

monitoring for **Life Science**

TempSen Electronics

Leading provider of cold chain data loggers

Technical Data

Product	ITAG4	ITAG4 Bio	ITAG4 TH	ITAG4 SP
Part No.	G4	G4M	G4H	G4S
Sensor	Internal NTC		Digital humidity + temperature sensor	Internal NTC
Specifications				
Memory Capacity	14400 readings		7200 TH readings	10080 readings
Measurement Range	-30°C...70°C		-30°C...70°C 0% RH...100% RH	-30°C...70°C
Accuracy	±0.3°C (-20°C...20°C) ±0.5°C (other range)		±0.5°C (0°C...60°C) ±1.0°C (other range) ±5% RH	±0.5°C
Resolution	0.1°C /°F		0.1°C /°F, 0.1% RH	0.1°C /°F
Start Mode	Manual / Auto start			
Logging Interval	1 minute...2 hours			
Battery / Life	3.0V CR2032 lithium battery / 90 days max			
Shelf Life	2 years (1 year if power activated)			
Display (LCD)	•OK(√), Alarm(x), Running status •Violation duration of each alarm zone •Statistics (max, min, avg)			•OK(√), Alarm(x) •Running status
Button	Start / Stop / View			Start / Stop
Connection	USB 2.0 connector (Type A compatible)			
Automatic Data File	Encrypted PDF report with embedded raw data			
Software	TempSen Express (21 CFR 11 compliant)			
Calibration	Factory sampling calibration (AQL 0.25)			
Certifications	CE, WHO PQS, EN12830, RTCA-DO160G, IATA PI970 II, WEEE, RoHS, Manufacturer's Validation Certificate		CE, RTCA-DO160G, IATA PI970 II, WEEE, RoHS, Manufacturer's Validation Certificate	
Dimensions	93mm L x 45mm W x 8mm H			
Weight	Approx. 24g			
Packaging/Material	Case / Polycarbonate			
Protection Class	IP65		IP54	IP65
Features				
In-report upload	●	●	●	
Profile ID	●	●	●	
Custom data fields	●	●	●	
Alarm Ranges	H1, L1	H3, H2, H1, L1, L2, L3	H1, L1	H1, L1

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