MULTI-USE CELLULAR CONNECTED TEMPERATURE DATALOGGER WITH LCD DISPLAY AND PROBE

KELVIN M300

ADAPT LOGGERS

End-to-end visibility of your temperature sensitive assets in real-time.

Logistics of critical and sensitive consignments is a multi-stage process including loading, unloading and storing in different places. Kelvin Cellular-Connected Datalogger is built with multiple sensors to make every blind spot and manual intervention visible, especially while monitoring air cargo.

- Temperature Monitoring
- Real time location tracking
- LCD Display for Temperature Reading
- Tamper Detection
- Shock Detection
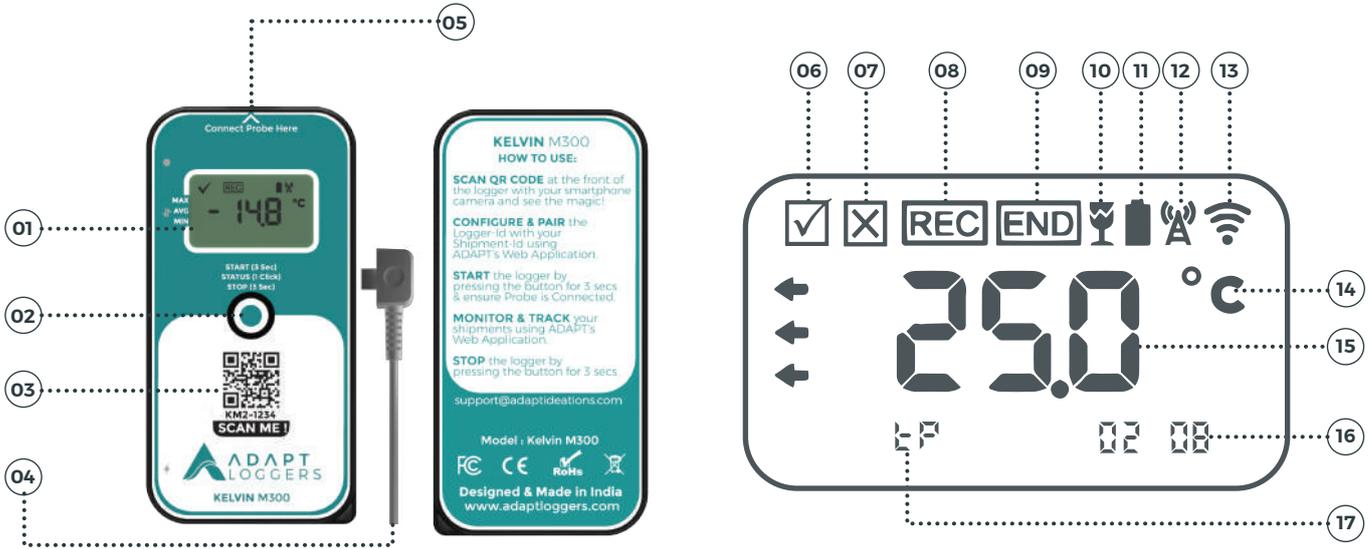- Flight Mode (IATA, FAA Compliant)
- High-Precision Digital Sensor
- Geofencing
- Waterproof and Food Grade Packing

Product Anatomy

01. LCD Screen	**06.** No Temperature Violation
02. Button	**07.** Temperature Violation
03. QR Code	**08.** Record Start
04. Probe	**09.** Record End
05. USB Type C Connector	**10.** Shock Notification

11. Battery Charge Health (Blinks when battery is low)	**15.** Temperature Reading (in Deg Cel)
12. Cellular Connection	**16.** Temperature Violation Thresholds
13. WiFi Connection (Stable when connected)	**17.** Active Sensor (ti= Internal; tp= Probe)
14. Degree Celsius	

Visit us at www.adaptloggers.com

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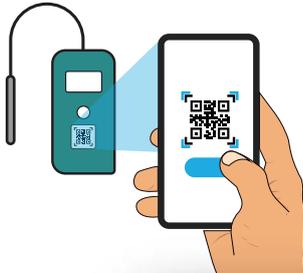## KELVIN M300

ADAPT LOGGERS

Usage Instructions

CONFIGURE
Configure the datalogger according to your requirement using ADAPT's platform.

PAIR
Add the device to a shipment.

TRACK
Track the shipment on our platform

Consignment Monitoring Dashboard

Event Logs Screen
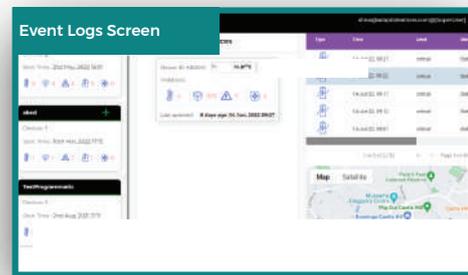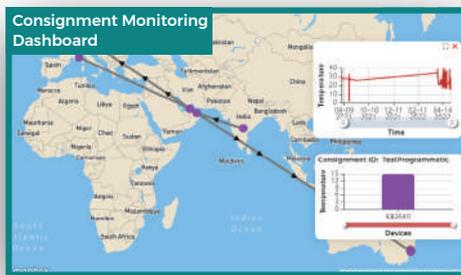
Technical Specifications

Dimensions (L x W x H):	105mm x 50mm x 18.5mm	**Probe Support**	Yes (3M)
Weight:	140g	**Standards:**	FCC/CE Compliance
Battery:	Li-ion, 3000mAh, Rechargeable	**Water Resistance:**	IP64
Charging Voltage:	5V DC, USB Type C	**Compliance:**	CFR21, EN12830
Charging Time:	Upto 8 hours for full charge		FAA:AC 91.21 -1D, 2017, p. 91
Runtime (Maximum Trip Duration)	30 days @30 mins sending interval (@room temperature)		EU: AMC1 CAT.GEN.MPA.140 As per the guidelines of IATA on Portable Electronics Devices (PEDs)
Reading Interval:	5 min (configurable)	**Violations:**	Violations are logged as events on web-portal and device
Reading Transmission:	30 min (configurable)	**Notifications:**	SMS, Email, Push
WiFi:	2.4 GHz	**Data formats and graphs:**	Graphs, PDFs, CSVs (downloadable from portal)
Cellular:	2G/4G(CAT M1), Sim inbuilt	**Data storage on Device:**	9000 readings (30 days @ 5 mins interval)
Temperature Sensor Type:	Digital (internal), RTD (probe)		
Temperature Range:	-20˚ C to +60˚ C (Internal) -100˚ C to +100˚ C (Probe)		
Temperature Accuracy:	+-0.5˚C		
Temperature Calibration:	Factory Calibrated		

Scan to know more about KELVIN M300 Multi-use Cellular-connected temperature datalogger with Probe & LCD Display.

Designed, developed and manufactured in India.