MULTI-USE CELLULAR CONNECTED TEMPERATURE DATALOGGER WITH LCD DISPLAY

KELVIN M200

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)
- High-Precision Digital Sensor
- Geo-fencing
- Waterproof and Food Grade Packing

Product Anatomy

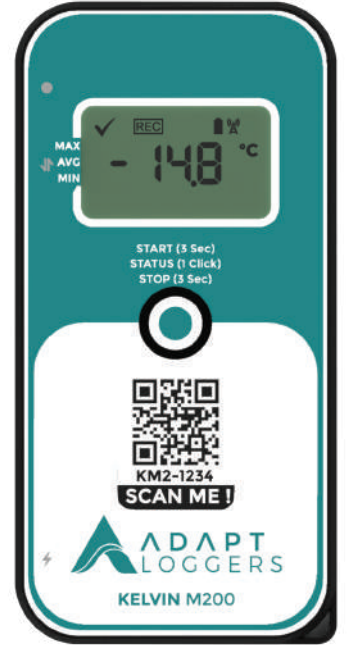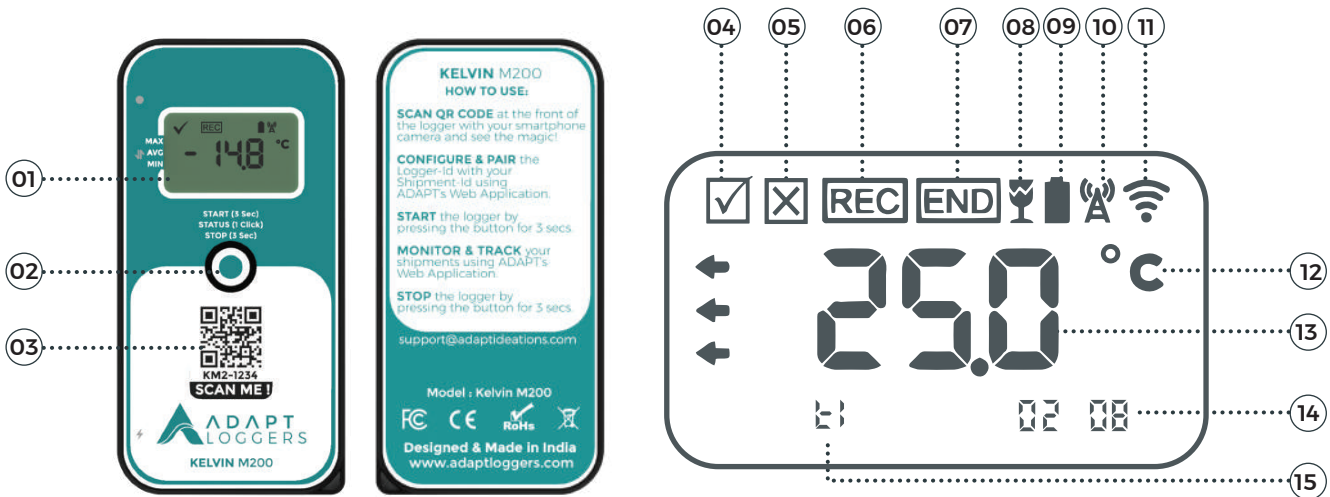|		
01.	LCD Screen	
02.	Button	
03.	QR Code	
04.	No Temperature Violation	
05.	Temperature Violation	
06.	Record Start	
07.	Record End	
08.	Shock Notification	
09.	Battery Charge Health (Blinks when battery is low)	
10.	Cellular Connection	
11.	WiFi Connection (Stable when connected)	
12.	Degree Celsius	
13.	Temperature Reading (in Deg Cel)	
14.	Temperature Violation Thresholds	
15.	Active Sensor (ti= Internal)	

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ADAPT LOGGERS

Easy to use

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
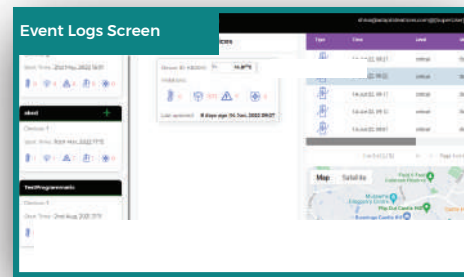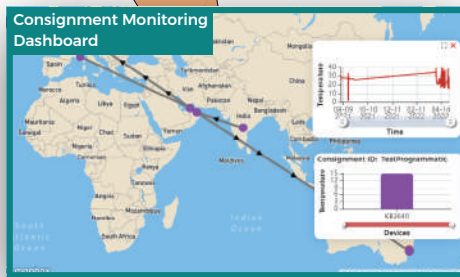
Technical Specifications

Dimensions (L x W x H):	105mm x 50mm x 18.5mm	**Probe Support**	No
Weight:	140g	**Standards:**	FCC/CE Compliance
Battery:	Li-ion, 3000mAh, Rechargeable	**Water Resistance:**	IP64
Charging Voltage:	5V DC, USB Type C	**Compliance:**	CFR21, EN12830 FAA:AC 91.21 -1D, 2017, p. 91 EU: AMC1 CAT.GEN.MPA.140 As per the guidelines of IATA on Portable Electronics Devices (PEDs)
Charging Time:	Upto 8 hours for full charge		
Runtime (Maximum Trip Duration)	30 days @30 mins sending interval (@room temperature)		
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		
Temperature Range:	-20˚C to +60˚C		
Temperature Accuracy:	+-0.5˚C		
Temperature Calibration:	Factory Calibrated		

Scan to know more about KELVIN M200
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Designed, Developed and Manufactured in India