BinaryMed

Cicada Sentinel

Sample Storage Monitoring Solution

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FF35B98C

CICADA SENTINEL
Environmental Temperature Monitor

Maximise Efficiency, Minimise Errors

The Cicada Sentinel is a dedicated wireless fridge-monitoring IoT device designed to ensure the integrity and compliance of samples and other sensitive materials stored in laboratory fridges. It continuously monitors temperature in real-time, providing crucial automated data to maintain optimal storage conditions.

✔ Enhance compliance with automated reports and traceable data

✔ Reduce human error and minimise the risk of sample spoilage

✔ Boost staff productivity by automating routine checks

Real Time Monitoring
Ensure continuous oversight of storage temperatures with 24/7 monitoring.

Automatic Alerts
Receive immediate sms and email alerts for any deviations from set parameters.
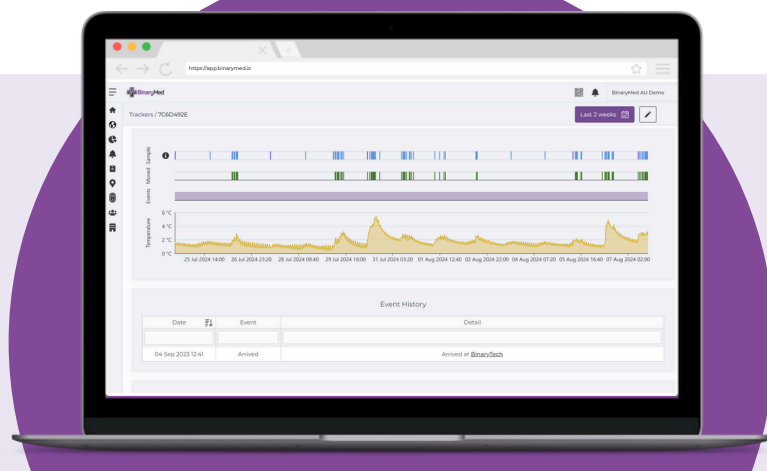
Long Battery Life
5+ Year battery life allows you to set-and-forget the sensor.

5G Connectivity
Ultra-reliable, gateway-free communication directly to cell towers, even in low-signal areas.

Simply place the Cicada Sentinel in a fridge to start automated monitoring. Data is sent in real-time to BinaryMed's secure, user-friendly cloud-based platform.

Technical Specifications
Cicada Sentinel

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DIMENSIONS	139 x 87 x 31mm
WEIGHT	222 grams
NETWORK CONNECTIVITY	NB-IoT
SENSORS	Temperature, Light, Motion
ENVIRONMENT	Indoor and Outdoor
BATTERY TYPE	3x AA (1.5v) Lithium
BATTERY LIFE	Configurable for 1 - 7 Years
RATINGS	IP69K, IK08
OPERATING TEMPERATURE	-25°C to +65°C
HOUSING	UV Stabilised Polycarbonate
FITMENT	Secure inside the fridge door using the included 3M VHB hook and loop adhesive, or opt for a freestanding placement.

BinaryMed
+61 2 4216 8585
contact@binarymed.io
www.binarymed.io