

Seguro 120

Best-in-class temperature monitoring for storage and shipping applications.



FEATURES

Compact Size

Smaller than a business card and about 6mm thick, the Seguro 120 is ideal for a wide variety of medical and food safety applications.

NFC

Near-Field Communications allows easy "tap-and-go" connection to your smartphone, eliminating the need for cumbersome barcode scans.

Delivery Confirmation

The user that started the session is automatically notified when it completes, and has access to the full details of the session.

Cloud Enabled

With a free cloud account, all of your recordings can be retrieved, even if you lose your mobile device.

Reusable

The Seguro 120 will last for at least 20 recording sessions under normal use, and a built-in battery meter lets you know when the battery is getting low.

Integrated Shipping Information

The Seguro system provides tracking data for popular carriers, providing an integrated view of the temperature profile throughout the shipment's journey.



Storage Monitoring

Using the Seguro 120's Storage Monitoring mode, record in and out times, serial numbers, pallet IDs, and photos for a full traceable record that can be retrieved at any time. The Seguro 120 is a great match for applications like medical storage and 3PL cold storage.



Shipment Monitoring

Shipment Monitoring integrates tracking data from popular carriers such as UPS, USPS and FedEx. It also records the location of the start and end of the recording period. It's perfect for medical shipments and any other application where a permanent, retrievable record of the monitoring period is needed.



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Monitoring Modes

Storage Monitoring

For applications where a record of the start-to-finish environmental conditions for a stored pallet or consignment is needed, the Seguro 120 is ideal. The Seguro app will record in and out times, serial numbers, pallet IDs and photos for a full traceable record that can be retrieved at any time.

Features:

- Programmable high and low thresholds
- Integrated, searchable third-party data, including
 - Rack ID
 - Pallet ID
 - Serial Number
- Photos
- Completion Notification
- Cloud Backup

Applications:

- medical supply storage
- food storage

Shipment Monitoring

Using the Seguro 120 for shipments allows serial numbers, tracking numbers, and photos to be associated with an environmental tracking period, and also records the location of the start and end of the period. Tracking data for popular carriers is fully integrated into the recording, showing the temperature profile throughout the journey. It's perfect for medical shipments and any other application where a permanent, retrievable record of the shipment is needed.

Additional Features:

- Automatic (but optional) location tracking for start and finish
- Full integration of tracking data for popular carriers, including USPS, UPS, FedEx and DHL.

Applications:

- medical supply transport
- markets & farm-to-table
- C-store distribution

Technical Specifications

Communication

Bluetooth	
Protocol	BLE Version 5.0
Maximum Bandwidth	2Mbps
Near Field Communications (NFC)	
Range	10mm
Protocol	Type 2 Tag Emulation

Power

Power Source	Single 3.0V LiMnO ₂ Cell
Lithium Content	< 1g
Transport Class	UN 3091-PI970 Section II
Battery Life (normal conditions)	1.5+ years

Enclosure

Dimensions	85mm x 48mm x 6mm
Weight	27g
Material	ABS (FDA 21CFR approved)
Indicator	Multi-color LED

Configuration

Thresholds	High Temperature, Low Temperature
Sampling Interval	1 min - 60 minutes
Start Delay	0 - 60 minutes

Environment

Operating Temperature	-30°C - 40°C
Ingress Protection	IP65

Storage

Measurement Buffer	60,000 measurements
	40 days @ 1 minute sampling or
	400 days @ 10 minute sampling

