



# What are Zebra Electronic Temperature Sensors?

## Wirelessly Track Environmental Temperatures and Protect Temperature-Sensitive Products

With mobile connectivity and data-sharing capabilities, Zebra's portable, wireless electronic temperature sensors deliver exceptionally convenient, versatile and effective monitoring of temperature-sensitive products throughout production, storage and cold-chain shipping. Zebra devices give you greater control to capture temperature readings and help protect temperature-sensitive products from damaging exposure, which can cause product loss, deterioration of efficacy, and potentially harmful effects to consumers.



## Why should you buy Zebra electronic temperature sensors?

### Top 5 Customer Benefits

# 1

#### Retrieve data quickly & maintain environmental integrity.

Many competitive solutions require you to open containers and manually connect devices to USB ports to gather temperature data points. This method is time-consuming, subject to human error and jeopardizes product stability. Zebra's solutions allow data to be retrieved through packaging, vehicles, equipment and storage, making data access faster and easier while maintaining environmental integrity and helping to protect products.

# 2

#### Access data remotely for efficient decision making.

Data points from many competitive devices are generated in PDF form, requiring downloads and emails to decision makers. Zebra solutions provide wireless, cloud-based data-sharing, storage and reporting via mobile devices or automatic uploads when in range of Bluetooth gateways. With data in the cloud, decision makers are notified automatically if temperature excursions occur, and they can quickly access data through our EDGEVue app where reports can be generated for compliance and analysis.

# 3

#### Customize settings to fit your needs.

Zebra devices are among the most versatile and customizable in the market. Unlike other devices which are preconfigured and require users to purchase different devices for different needs, Zebra devices can be reconfigured for each cold-chain shipment or storage environment. Zebra devices empower you with the control to customize settings—from start time to reading intervals to alarm limits—to monitor a wide range of products and environments.

# 4

#### Meet compliance easier.

Today there is more complexity in cold-chain shipments due to increased temperature-sensitive shipments and storage; handling requirements which add costs to program and manage sensors; and risks of human error and temperature excursions. But Zebra sensors make it easier to overcome these challenges and ensure compliance by having consistent access to track and report temperature data, maintain environmental integrity and respond quickly to excursions.

# 5

#### Take advantage of a simple, cost-effective solution.

Zebra devices are user-friendly for simple implementation and management. Intuitive interfaces give you the ability to set alarms, datalogging intervals, startup options, time and temperature units. The portfolio of reusable devices provides a memory for 16,000 readings, geolocation and the ability to monitor temperatures from -200 to +200°C (-328 to +392°F). This, combined with the EDGEVue app, cloud service and Bluetooth Gateway provide data access without complexity.

### Applications

#### Warehousing and Distribution

- Refrigerated and Frozen Food
- Pharmaceuticals

#### Transportation & Logistics

- Temperature-sensitive products

#### Healthcare

- Medications
- Medical devices
- Clinical trial materials

#### Life Science Manufacturing

- Medical devices
- Pharmaceuticals
- Biologics
- Vaccines

#### Emergency Medical Services

- Medications
- Medical devices

#### ROI

- Reusable devices
- Reduce operational costs
- Ensure product integrity

#### Product Information

- [S-400 Fact Sheet](#)
- [M-300 Fact Sheet](#)
- [M-300-P Fact Sheet](#)
- [OCEABridge Fact Sheet](#)
- [Food Use Case](#)
- [EMS Use Case](#)
- [Pharmaceutical Use Case](#)
- [Website](#)



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