



SMART SENSOR



With the ever increasing growth and challenges in global supply chains, maintaining an accurate picture of happening across your business at any given time is practically impossible. An individual Smart Sensor or Smart Sensors forming a sensor network can greatly enhance your supply chain management and costs.



Temperature Control



Light Control



Humidity Control



Orientation Control

KEY USES



Supply Chain & Chain of Custody



Asset Management and Security



Food and Beverage Delivery & Storage

SPECIFICATIONS

Sensors

Temperature: Smart Sensor typical accuracy:

0°C to 85°C: $\pm 0.5^\circ\text{C}$

-25°C to 0°C: $\pm 1.0^\circ\text{C}$

-30°C to -25°C: $\pm 2.0^\circ\text{C}$

Resolution: 0.1°C

Smart Sensor TH typical accuracy:

-10°C to 85°C: $\pm 0.3^\circ\text{C}$

-15°C to -10°C: $\pm 0.4^\circ\text{C}$

-25°C to -15°C: $\pm 0.5^\circ\text{C}$

-30°C to -25°C: $\pm 0.6^\circ\text{C}$

Resolution: 0.1°C

Accelerometer: 3D, $\pm 8\text{g}$ range, 4mg resolution

Free fall detection with programmable threshold, Impact with threshold up to 8g

Humidity (Smart Sensor-TH): Typical accuracy 0%-80% $\pm 3\%$ RH, Resolution 0.1% RH

Light: Effective range 1÷512 lux

Magnetic: 10-30mm range an optionally provided magnet. Used to detect open/closed door