

# Temperature Sensor Amplified K200S



**K200S** monitors temperature, ensuring true cold chain traceability of sensitive products protecting quality and safety.

**Applications include:**

- ✓ Fridges, chillers, ambient manufacturing and storage areas
- ✓ Freezers, walk-in freezers, cold rooms
- ✓ Delivery vehicles

A digital temperature chip provides a higher degree of long-term accuracy.

The K200S comes with battery-boosting technology that improves the life of the sensor.

Internal memory stores data for three weeks in the event of large-scale power outages.

Amplified sensor which greatly increases the distance that the sensor can communicate across, reducing the need for signal boosting equipment and reduces the cost of total installation.

K200S meets all the requirements from HPRA, MHRA and all other regulatory authorities.



Temperature



Radio Transmission

Specification			
<b>Product Code:</b>	K200S	<b>Size (with bracket):</b>	Width 84.6 mm Height 126.1 mm Depth 18.7 mm
<b>Measurement Ranges:</b>	-35°C +50°C (-31°F +122°F)		
<b>Typical Accuracy:</b>	+/- 0.2°C (1°F)		
<b>Accuracy drift:</b>	0.05°C within five years	<b>Size (without bracket):</b>	Width 62.35 mm Height 126.1 mm Depth 17.5 mm
<b>Radio Frequency band:</b>	915MHz (USA); 868MHz (Europe)		
<b>Line of sight range:</b>	300m		
<b>Reprogrammability:</b>	Fully reprogrammable over RF	<b>IP Rating:</b>	65
<b>Battery Type:</b>	Li-MnO2 3.0V 6000 mAh	<b>Enclosure:</b>	Polycarbonate
<b>Battery Lifetime:</b>	Typical 6 years with a 30-minute data transmission interval. 18 months with a 5-minute data transmission interval.	<b>Weight:</b>	105g