

Bloodbank Sensor K101B



The K101B Bloodbank Sensor is designed to monitor Bloodbank Storage Units in the specific temperature range 0°C to 8°C (operating range 0°C to 20°C). The Sensors can be portable or directly mountable within the desired location.

Applications include:

- ✓ Fridges
- ✓ Cold Rooms
- ✓ Delivery vehicles
- ✓ Blood Banks

Battery life exceeds 5 years.

The unit has both air and product sensors.

- ✓ Simulated Product temperature is measured using a stainless temperature probe inserted into a laboratory bottle containing 200ml of water.

The Sensors communicate with the Network Controller wirelessly and directly or via Repeaters, even when buried deep inside storage cabinets.



Temperature



Radio Transmission

Specification			
Product Code:	K101B	Reprogrammability:	Fully Reprogrammable over RF
Channels:	1. Air Temperature 2. Product Temperature (200ml water)	Battery:	LithiumTiCl 3.6V 2Ahr. AA Size.
Measurement Ranges:	0°C →+20°C (32°F →+68°F)	Battery Lifetime:	5 years with a 10 minute data transmission interval.
Typical Accuracy:	+/- 0.2°C (1°F)	Size:	Width 65mm (2 9/16") Height 50mm (2") Depth 36mm (1 3/8")
Radio Frequency Band:	916MHz (USA) ; 868MHz (Europe).	Enclosure:	IP66 Polycarbonate
Line of sight Radio Range:	100m	Weight:	75g. (2.65oz.)