



Wireless Temperature Monitoring

Labcold wireless temperature monitoring is a convenient, cost effective way to monitor the contents of your blood bank refrigerators or laboratory fridges and freezers. With both a local and remote alarm function, data can also be viewed from any web-browsing device.

The Labcold wireless system works by putting transmitters inside units (and outside if ambient readings are required) that can be located up to 400 metres and will continually stream data to a Base Station. Featuring an LCD display and an audio alarm, the base station can alert you to any issues. In addition, this data can be hosted on a secure website.

Installation is quick and easy. Our fully trained technicians will locate the probes in the unit and set up your base station. They will also take you and your team through the operation of the system and how the data displays making this monitoring system ideal for any situation where monitoring needs to be set up quickly but with a versatile, accurate and informative monitoring system.



Base Station



Transmitter

Product	Base Station
Power	Mains/Battery Back Up
Memory	Approx 6 Days (with a 16 transmitter system on a 10 minute transmit rate)
Ports	USB for temperature configuration
Alarms*	Audio, LED, Remote Alarm Contacts
*Alarm alerts can be received via email or text (requires subscription)	
Antenna	Selects the strongest signal from 2 antennas
Transmission Frequency	433 MHz or 434.29 MHz

Product	Transmitter
Cable Length	1.5 metres
Exterior Construction	ABS Housing
Measuring Range	- 40°C to + 200°C
Temperature Accuracy	± 0.3°C
Dimensions - Enclosure	108mm diameter x 60mm high
Dimensions - Antenna	172 mm
Power Supply	1 AA size Lithium Thionyl Chloride 2.2 AH, 3.6 VDC
Battery Life	Approx 8 Years (depending on usage)
Transmission Frequency	433.55 MHz or 434.29 MHz
Range	Approx 400 metres (range reduces within buildings etc)
Transmission Power	10mW