



REMOTE MONITORING

MINUS40

ICE3



ICE3 - WHO preferred supplier

Specifications

Model	BC141
Mode of operation	Electronic
Mode of Communication	GSM
Device Operating Range	-20 °C to 55°C
Probe Read Range	-40 °C to 100 °C
Display	Onboard LCD
Material	ABS
Dimension (cm)	17.5 x 4.0 x 7.5
Weight (g)	300
Probe Type	Hi Precision AP Thermistor
Accuracy	0.2 °C at 0 °C
Number of Inputs	4 x External Temperature Inputs
Other Inputs	Onboard Ambient Temperature, Humidity, Door, Mains Power
Power Supply Required	None (Battery Powered)
Power Source	Lithium Non-Rechargeable Battery
Battery Type	1 x D-Cell Lithium
Battery Operating Life	3-5 Years
Memory Capacity	23 000 data records
Minimum Logging Interval	60 seconds (configurable)
Standard Upload Frequency	Once per day or on alarm
Onboard Alarm	LCD, Flashing LED & Buzzer
Remote Alarm	SMS, Email & App
User Interface	Internet Browser
Programmability	Remotely User Programmable
Quality Standard	ISO 9001: 2008
Warrantee	1 Year

BEYOND WIRELESS ICE3

The ICE3 is the world's most advanced and reliable remote temperature-monitoring device (RTMD).

Designed for Africa

The Beyond wireless technology was originally developed to measure the reliance of the NHS Blood cold chain from vain to vain throughout Africa.

Today, the ICE3 and ICE Extra is the preferred temperature monitoring devices in Africa, operating in high ambient temperatures of -20 °C to 55°C. It does not rely on a strong WIFI connection, with a very light internet requirement. Additionally, in case of power connection failure, the unit retains 30 days of data (23000 data records). Data is secure, with each probe assigned to a corresponding user.

With the ability to monitor multiple temperature points of one device, or four different refrigeration units, the ICE3 lends itself to a range of uses. In addition, the probes also monitor data external to the unit, e.g. humidity levels.

Features

- ✳ Global Connectivity
- ✳ No power supply required
- ✳ Lowest cost of deployment
- ✳ Low Maintenance Free
- ✳ Class leading input capacity
- ✳ GPS Tracking
- ✳ User Friendly Dashboard
- ✳ No Data Corruption
- ✳ WHO PQS Approved



Connectivity

Dual-SIM design with global SIM card with data included, gives it complete network redundancy anywhere in the world without the need for physical network infrastructure.

Battery Powered

Off-the-grid design makes it completely immune to damage from spikes, surges, brownouts and blackouts.

Easy Deployment

Easy to install, requiring no tools and no special training.

Low Maintenance

It has a run time of up to 3-5 years without the need to recharge or replace the batteries

Class Leading Monitoring

Simultaneously monitor up to 4 temperature sensors and mains power status, door position, ambient temperature and humidity.

Real Time Tracking

Real time GPS tracking when monitoring the cold chain in mobile assets like trucks, containers and cooler boxes.



ICE3 WIRELESS CONTROLLER

REMOTE TEMPERATURE MONITORING Beyond Wireless ICE³

The ICE³ is the world's most advanced and reliable remote temperature-monitoring device (RTMD).

Class leading input capacity: It can simultaneously monitor up to 4 temperature sensors as well as the mains power status, and door position. It also monitors both the ambient temperature and humidity.

GPS Tracking: It also offers real time GPS tracking when monitoring the cold chain in mobile assets like trucks, containers and cooler boxes.



“Based on the performance, hold-over, and it's unique embedded remote monitoring and control capability, this should be the new norm for all hospitals.”
– Ian CEO of Beyond Wireless

