









CyConnect4G™

IoT temperature, humidity
& movement sensor

Remotely monitor and manage environmental statistics and location of assets with in real time with CyConnect4G™ IoT environmental sensor and remote management solution.



Main Features

-  **Real Time Environmental Statistics**
Remotely manage user defined Temperature and Humidity statistics
-  **Asset location and Geo Fencing**
Embedded Gyro for movement detection and zone violation alerts
-  **Secure communication**
End to End data encryption from sensor to backend server
-  **Redundancy**
Backup battery in case of power failure
-  **GSM/4G communication**
Global remote communication
-  **Multiple compartments**
Supports up to three sensor probes for multiple compartment monitoring
-  **No Contract Data services**
Monthly data services via physical simcard or eSim option

CyConnect4G™

CyConnect4G™ is a secure IoT sensor and communication device for remote management and monitoring of temperature, humidity, movement and location of the asset.

Accurate environmental statistics and asset location are encrypted and sent remotely via GSM or 4G to a backend server and viewed and monitored via the IoT management Software.

Predefined alarms and messaging parameters and geofences may be set by the system administrator and managed via PC or any iOS or Android mobile device.

Up to three temperature and humidity probes can be connected to CyConnect4G™ to monitor up to three storage compartments with the same device. The CyConnect4G™ also has a backup battery in case of power failure to ensure continued operation.



CyConnect4G™ use cases and applications

- Eliminate damage or destroyed perishable assets
- Remote real time monitoring of environmental parameters
- Eliminate theft with real time movement notification
- Preventive Maintenance by monitoring history logs
- Manage thousands of assets on site or remotely
- Customized messaging and alerts via phone, email and sms



Cypod IoT Management Software

Cypod IoT Management software is an enterprise class IoT management platform which supports monitoring and management of hundreds of thousands of IoT sensors in a powerful but flexible software application and dashboard. View and manage assets in real time and easily configure parameters such as alarms and messaging.

TECHNICAL SPECIFICATIONS	
Enclosure Dimensions (LxWxH) *with 4G antenna	65 (101)* x 42 x 20 (mm) 2.5 (4)* x 1.6 x .78 (in)
Weight	39 grams
Display LEDs	4 color
Operational/Storage Temperature	-35 C /+75C -31F /167F -40C / +85C -40F / 185F
Operational/Storage Humidity	Humidity 5-95% RH Non Condensing
Battery	Li-Ion, Rechargeable, 3.7V, 300mAh
Input Voltage	5V external power supply USB C Type
Sensor Types Temperature Humidity G Force	-40 to 80°C ±0.5°C accuracy 0-100% 2-5% accuracy Accelerometer range: +/- 16g Angular rate: +/- 2000 degrees per second
Communication	GSM / 4G LTE
Cables	2 meter USB
Casing	IP65
Positioning	4G Cellular Triangulation and GPS
Encryption standard	AES 256
Safety and Certifications	CE, RoHS compliant