FC-BIOS
Excellence in Laboratory & Process Supplies

TempGuard

now with Call Alert

4G network
Reliable and flexible network with no communication limits

SD card data backup
Up to 240 000 logged records with external SD memory card

Legal to use
SIRIM tested with MCMC approval certificate number

Long cable run distance
Wide coverage with up to 100m cabling installation

Future proof
Connects up to 8 sensor modules (single or multi-level installation)

Cloud server
For immediate access by PC, mobile phone or tablet
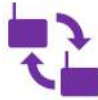
Online portal
Traceable data & report notification via ultimate2.fcbios.com.my

Call, SMS & siren alert
Users will receive call and recurring SMS for alert events as long as it is in alarm

Long backup time
Built-in rechargeable battery which can last up to 6 hours

Controller swap
No downtime when swapping up new controller replacement

Remote access
Easy remote access for diagnostic troubleshooting by our technical support team

Help desk
Traceable ticketing system for support and complaint via http://helpdesk.fcbios.com.my

Applications

Pharma Industry

Healthcare

Research Institute

F&B Manufacturer

www.fcbios.com.my | enquiry@fcbios.com.my

System Architecture

TempGuard

SENSOR 1
-80ºC Freezer

SENSOR 2
4ºC Fridge -
Samples &
Reagents

SENSOR 3
-80ºC Freezer

SENSOR 4
Central Cold Room

SENSOR 8
Liquid Nitrogen
Tank

SENSOR 7
4ºC Fridge -
General Usage

SENSOR 6
-20ºC
Freezer

SENSOR 5
General
-20ºC Freezer

CONTROLLER
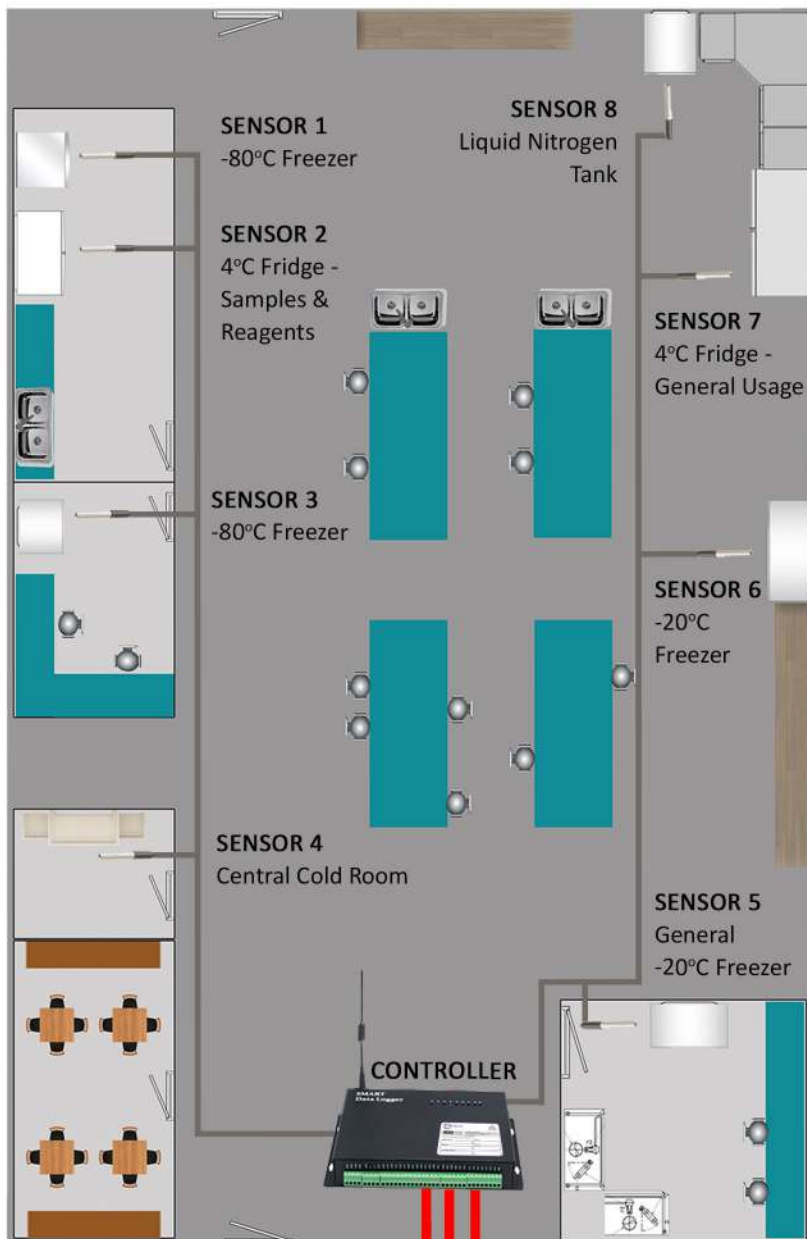
Sensor modules

Temperature sensor module
- Temperature range: -200ºC to 400ºC
- Cat No: X01-PT100-100E2

Humidity sensor module
- Temperature range: -55°C to +125°C, +/-0.5°C
- Humidity range: 0 to 100%, +/-3%
- Cat No: S94-SENSE-C/RH

Other sensor modules
- **Gas detection module (O_2, CO_2, etc)**
- **Dry contact alarm relay module**

new

Call & SMS alert
Temperature Limit &
Power Loss

Server Cloud
Hosted by FC-BIOS

User Portal
ultimate2.fcbios.com.my

Smart Client
Mobile App

Siren alarm