



How many times have ask yourself the following questions?

- How can I monitor my fridges, freezers and cold rooms from the comfort of my own office/ house?
- Would it not be great to be able to monitor your site remotely?
- Is there a way to get report of all that happens on site?
- Isn't there an easier and effective way to do the above?
- Can I not have some kind of Alarm or Access control at site?



Well, when using a GSM Commander you are able to tackle so many aspects of your site such as:



- Monitoring of temperature. Getting an sms/ voice call if a temperature reaches above or below a temperature that you define as acceptable
- The GSM Commander has the built in functionality to report on power failures and power restores.
- If there is an electronic lock on the cold room or fridge/ freezers, you can manage access and have it reported who accessed last. So if you get an alert that a temperature is going too high, you will not only see what is going on at site, but you will also see who accessed that fridge last.

- You are able to monitor up to a whopping 11 temperature zones with a single Commander, using a combination of our offerings!



Contact us with your requirements and we will create a solution for you.

GSM COMMANDER

The GSM Commander is a revolutionary device combining cellular communications with powerful control and easy programming. It uses a standard SIM card and antenna to connect to a cellular network for communication. The device is configured using the award-winning **SmartSetup** programming software, which makes it easy to setup the device for the remote management of any site. Provision is made for intricate timed operations, logic combinations and counting variables, to name but a few.

Cellular communications enable the device to communicate via text message directly to any phone, and also to communicate via GPRS.

Telemetry, control and monitoring. Properly!

The GSM Commander can communicate to the **Airdrive Remote Monitoring** GPRS platform, allowing logging and incident management on-line! This is invaluable for large deployments or situations where you expect a large number of events per day



Features	Lite GC 0321	Standard GC 0641	Pro GC 1281
Onboard Inputs/Outputs	2/2	2/2	2/2
Max extendable I/O	12/12	22/22	32/32
No. of Statements	32	62	128
Setup Memory	2kb	4kb	8kb
Temp probes supported	2	2	2
0-10V Analogue Inputs	1	1	1
Batt/Power Monitor	✓	✓	✓
USB Configuration	✓	✓	✓
DTMF Decoder	✓	✓	✓
SIM Card slots	1	1	2
IO Constraints supported	✗	✓	✓
Variables Supported	✗	✓	✓
GPRS Capability	LIMITED	✓	✓

Expandability

One can never have enough of anything, that is why the GSM Commander is expandable! Inputs and Outputs can be expanded up to 32 in and 32 out. Expansion options are also available for up to 8 x temperature and 8 x analog inputs.

Key Specifications

Dimensions (mm)	148x86x28
Operating Voltage	15v DC
Operating Current (inputs, outputs OFF)	60mA
Operating Temperature	0-60°C
Terminals	Pluggable Rising clamp
Coolness rating	Off-the-chart!

SMART SETUP ⁷

"Programming has never been this easy!"

Point & click interface allows you to setup statements such as:

IF Input 1 becomes active for longer than 3 seconds THEN send "Problem" to Sue, Charles
IF a message is received from Kooos, containing "pumpon" THEN activate output 1

- ### Some interesting applications...
- Pump and reservoir control
 - Pivot monitoring
 - Cable theft prevention
 - Refrigeration monitoring
 - High site monitoring, control
 - Generator monitoring an remote start
 - Irrigation control
 - UPS system monitoring
 - Lift, escalator monitoring
 - Productivity monitoring
 - Solar site control
 - Solar panel monitoring
 - Security systems
 - Access control
 - Hatchery monitoring
 - Solar pump monitoring
 - Boiler monitoring, control
 - Aquaculture system monitoring, control
 - Vibration monitoring
 - Industrial instrumentation
 - Industrial control

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