

GSM COMMANDER

The GSM Commander is MUCH more than a communicator. It is a tool to help you **invent solutions** and make money while adding **immense value** to your customers. The awesome power of remote monitoring and management of coolrooms, generators, boilers, pumps, pivots or any other **remote site** enables you to deliver a fantastic level of service. You can now tell your customer that he has a problem

....before he **knows about it!**

Benefits

- Avoid call-outs
- Improve service levels
- Get your information online
- Know the status of remote sites

Key applications

- Cable theft prevention
- Pumps and irrigation
- Water treatment
- Refrigeration



Stuff at your site



Awesome device

Cellular Network



Your data online



Control in your hand

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 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

Airdrive
Remote Monitoring

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	12/12
No. of Statements	32	62	32
Setup Memory	2kb	4kb	2kb
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	1
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!

SMART⁷ SETUP

"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 Koos, 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

Developed and manufactured in South Africa
 info@gsmcommander.com

WWW.GSMCOMMANDER.COM