





# GSM-BASED MONITORING AND CONTROL DEVICES

Embrace the future of high-security, cost-effective control and monitoring, courtesy of GSM modules. Centurion Systems' GSM modules empower you to oversee and manage electrical devices effortlessly through your mobile phone. This affords you the flexibility and tranquility to carry your home security with you, no matter where life takes you.



## METAL GATE STATION

This isn't just any gate station - it's a statement piece built to impress. Crafted from sleek aluminium that's as robust as it is sophisticated, it endures the elements while adding a touch of modern elegance to your property. Forget plastic enclosures - this gate station makes a lasting first impression.

But beauty is more than skin deep. With the G-SPEAK Ultra, convenience and security go hand-in-hand. Answer calls from anywhere using your cellular device, granting access or checking in with visitors remotely. No more being tied to a physical handset. For added peace of mind, the station boasts backlit buttons for clear visibility even at night, ensuring easy operation in any lighting condition.

And for ultimate customisation, the gate station effortlessly integrates with the universal gooseneck (sold separately), providing the perfect finishing touch to your unique entryway style.

Experience the next level of intercom convenience and security, all wrapped in a design that turns heads. Choose the Metal Gate Station today.

- Answer your intercom from anywhere, using your cellular device - enhanced security and convenience
- No messy and expensive wiring
- 1, 2 or 4 call buttons with the ability to add two numbers per button and Time Barring configurable per button (for example; automatically disable primary button at night)
- Backlit button(s)
- Rugged aluminium enclosure
- The mounting holes are compatible with our Universal Gooseneck1



## TECHNICAL SPECIFICATIONS

Technical Data	METAL GATE STATION <sup>1</sup>
Operating voltage <sup>2</sup>	7.4V DC as supplied by the G-SPEAK ULTRA <sup>3</sup>
Current draw	11mA
Speech volume	Adjustable via G-WEB
Wiring	6 wire connection (power, audio and mic)
Ring tone	Electronic when button is depressed
Call confirmation	Yes
Call buttons	1, 2 or 4 (illuminated with labels)
Operating temperature	-20°C to +50°C
Humidity	0 - 90% non-condensing
Degree of protection	IP54 <sup>4</sup>
Dimensions	97mm wide x 40mm deep x 178mm high

1. Requires a G-SPEAK ULTRA device, as the Gate Station cannot be used on its own.
2. If the 12V DC gate motor supply dips when the motor starts up and the intercom is being used at the same time, the speech quality might be affected.
3. The Gate Station must only be powered via a G-SPEAK ULTRA Device.
4. A Gooseneck backing plate is required when mounting onto a Gooseneck, to maintain IP rating.





## G-ULTRA GSM-BASED MONITORING AND CONTROL DEVICES

With the **G-ULTRA**, your entire world fits into the palm of your hand, giving you complete control at your fingertips. This is the evolution of GSM technology, designed to offer you the ultimate flexible, mobile-based access control and monitoring solution.



### MAIN FEATURES

- Control your home from your phone! Activate up to six different devices, for example gate motors, alarms, electric fences, lights and sprinkler systems
- Can be configured to monitor up to four separate electrical devices, such as your home alarm or even a water reservoir. It could send you an SMS, give you a missed call or even send you a push notification, letting you know if your alarm is on or off or your reservoir is full or empty
- Password-protected with password changing as often as necessary so your security is never compromised
- Built-in Weekly and Visitor Access Modes to control access right down to the minute!
- Set arrival and departure dates and times; guests will only be able to activate the device's outputs between these limits, giving you maximum security and affording your guests maximum convenience
- Easy programming via web or app
- LCD screen for easy access to diagnostics
- No messy and expensive wiring
- Intelligent monitoring of CENTURION gate motors' status outputs (for example gate opening, gate left open, etc.)

- Time-barring: Supported on Access Numbers, Inputs and Outputs
- Unlock the power of the ULTRA range with the MyCentsys Remote mobile app

#### Customisable for:

- B & Bs and guesthouses – with flexible scheduling, time-barring and automatic activations
- Complexes – 1500 user memory
- Existing gate motors – open, close and intelligently monitor your gate status, all via your phone!
- Access automation – control a wide variety of access control devices including gate motors, traffic barriers and garage door operators
- Miscellaneous security applications – be notified via SMS, missed call, email or push notification of alarm activations, electric fence triggers and mains power failures

## TECHNICAL SPECIFICATIONS

Technical Data	G-ULTRA
Supply voltage range	11-24VDC
Maximum current draw	300mA @ 12VDC
Input / output current rating	50mA (Open Collector)
Relay contact current rating	1A, 30V AC/DC (Resistive)
Input sense voltage range	0-24VDC (0-1.6V Low Input State, 5V-24V High Input State)
SIM card	Micro Format, Activated with unlimited MTN SIM Card supplied. NOTE: The supplied SIM card may only be used with this specific G-ULTRA device. The SIM Card will be deactivated and blacklisted upon insertion into any other GSM device.
Number of configurable input /output channels	4
Number of relays	2
Memory Capacity	<ul style="list-style-type: none"> <li>• 1500 Access numbers</li> <li>• 5000 Event logs</li> <li>• 20 Access profiles</li> <li>• 1 Custom welcoming SMS message for new access numbers</li> <li>• 20 Custom output activation SMS messages (from user to device)</li> <li>• 30 Custom input notification SMS/email messages (from device to user)</li> <li>• 100 Visitor Time-barring Windows (Windows are the periods between two dates)</li> <li>• 30 Generic time-barring windows (windows are weekly recurring)</li> <li>• 10 Output activation schedules (schedules are weekly recurring)</li> <li>• 3 Daylight saving periods</li> <li>• 4 Input to output mapping configurations</li> </ul>

## EXAMPLES OF DEVICES THAT CAN BE MONITORED VIA G-ULTRA INPUTS:

- House alarm: Activated
- Electric fence: Alarm triggered
- Geyser status: On/Off
- Mains power: On/Off
- Borehole pump status: Running/Off
- Water reservoir: Full/Empty
- Entrance gate status: Open/Pedestrian
- Vehicle monitoring: Ignition or alarm activated or deactivated, or off or your reservoir is full or empty

## EXAMPLES OF DEVICES THAT CAN BE SWITCHED ON, OFF OR ACTIVATED VIA G-ULTRA OUTPUTS:

- Automated entrance gates and garage doors
- Geysers
- Borehole pumps
- Alarm systems
- Lights
- Airconditioners
- Refrigerators
- Pool pumps





## **G-SPEAK ULTRA ADVANCED GSM-BASED INTERCOM SYSTEM**

Experience unrivaled security and convenience with the G-SPEAK ULTRA, enabling you to answer your intercom from anywhere across the globe. This cutting-edge system merges wireless GSM technology with CENTURION's sleek and futuristic ULTRA interface, setting a new standard in convenience and peace of mind. Infused with a spirit of innovation, the G-SPEAK ULTRA facilitates seamless wireless communication between the user and the intercom gate station, effectively transforming your phone into a portable intercom handset



### **MAIN FEATURES**

- Answer your intercom - and open your gate - from anywhere
- Two call buttons - learn up to two numbers per call button
- Call buttons can be individually time-barred
- Easy programming via G-WEB web interface or mobile app
- LCD screen for easy access to diagnostics
- No messy and expensive wiring
- Intelligent monitoring of CENTURION gate motors' status outputs (for example gate opening, gate left open, etc.)
- Time-barring: Supported on Access Numbers, Inputs and Outputs

#### **Devices that can be monitored via the inputs**

- House alarm: activated
- Electric fence: alarm triggered
- Geyser status: On/Off
- Mains power: On/Off
- Borehole pump status: Running/Off
- Water reservoir: Full/Empty
- Entrance gate status: Open/Pedestrian
- Vehicle monitoring: Ignition or alarm activated, or off or your reservoir is full or empty

- Irrigation and water features

- Alarm systems

#### **Devices that can be controlled via the outputs on**

- Automated entrance gates
- Geysers
- Appliances
- Borehole pumps
- Disable vehicle ignition systems
- Lighting systems

## TECHNICAL SPECIFICATIONS

Technical Data	G-SPEAK ULTRA
Supply voltage range	11-24V DC
Maximum current draw	300mA @ 12V DC
Input/output current rating	50mA (Open collector)
Input sense voltage range	0-24V DC (0-1.6V Low-input state, 5V-24V High-input state)
SIM Card	Micro-format, activated Vodacom SIM card supplied <sup>1,2</sup>
Number of configurable input/ output channels	4
Call buttons on calling module	2
Call confirmation at calling module	Yes
Speech volume	Adjustable at calling module using call buttons
Calling module illumination	Call Buttons and labels with back-lit white LEDs
Memory Capacity	<ul style="list-style-type: none"> <li>• 5000 Event logs</li> <li>• 20 Access profiles</li> <li>• 1 Custom welcoming SMS message for new access numbers</li> <li>• 20 Custom output activation SMS messages (from user to device)</li> <li>• 30 Custom input notification SMS/email messages (from device to user)</li> <li>• 100 Visitor time-barring windows (windows are the periods between two dates)</li> <li>• 30 Generic time-barring windows (windows are weekly recurring)</li> <li>• 10 Output activation schedules (schedules are weekly recurring)</li> <li>• 3 Daylight saving periods</li> <li>• 4 Input to output mapping configurations</li> </ul>
GSM	Quad-band: GSM850, GSM900,DCS1800, PCS1900 GPRS Class 12

1. May not be used in devices other than G-SPEAK ULTRA.
2. Remains the property of Centurion Systems (Pty) Ltd.

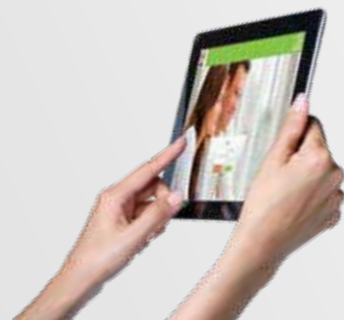




# ENHANCE AND ENRICH YOUR ACCESS EXPERIENCE WITH MYCENTSYS REMOTE



**G-WEB** 



## MAIN FEATURES

### MyCENTSYS REMOTE APP

Picture your phone becoming an intuitive commanding hub that gives you unprecedented control and insight in the palm of your hand. The **MyCentsys Remote** mobile app puts you in charge with seamless monitoring and control of all your ULTRA GSM devices.

- Control all your ULTRA devices from a single, feature-rich and user-friendly interface
- Activate device outputs with a single tap
- Choose from a range of custom icons to represent the functionality associated with each button
- Personalise your MyCentsys Remote experience by customising button colours
- Real-time monitoring and system health feedback
- Configurable favourite actions for quick and easy access to your most-used interactions with your ULTRA devices
- Visible IOs can be configured for each Access Profile
- In-app notifications of errors and alarms
- Built-in chat feature for instant access to technical support
- Prioritising your safety and security with biometric and PIN-locking options
- Seamless integration with Android Auto and Apple CarPlay
- Compatible with all CENTURION SMART gate and garage access solutions

### G-WEB APP

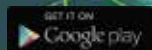
Whether you're attending to call-outs, quoting clients or doing installations, you have the kind of job that means you're always on the road and always on the move. With our new G-WEB mobile app, you can set up, manage and configure your clients' ULTRA GSM devices from anywhere using your phone.

- Set up, manage and configure your client's ULTRA devices from anywhere
- Pre-loaded with wiring diagrams for a variety of different applications
- A detailed configuration audit log makes it easy to track changes made to the system
- Add and delete users and devices, edit device settings, view transaction logs and much more





## DOWNLOAD OUR NEW **MyCENTSYS REMOTE** MOBILE APP



## Enhance and Enrich Your Gate Access Experience with **MyCentsys Remote**

Experience complete convenience and control with the MyCentsys Remote mobile application, an intuitive command centre to monitor and activate your CENTURION GSM devices using only your smartphone.

### **MY CENTSYS REMOTE – ENRICH YOUR GATE & GARAGE ACCESS EXPERIENCE**

Take control of your gate and/or garage access with MyCentsys Remote: the expertly-configured mobile app that seamlessly integrates with all our SMART and ULTRA solutions. Our app puts all the power at your fingertips, allowing you to conveniently open and close your gate and/or garage door operator from your phone, and store your preferences for easy navigation. Whether you're at home or on-the-go, MyCentsys Remote is the reliable and convenient solution to your gate and garage access needs.

Not only can you control your gate and/or garage door with ease, but you can also keep an eye on device health, battery status, and mains presence, all from within the app. Our app also includes a technical support chat function, ensuring you have access to expert assistance whenever you need it.

In addition to its convenience and reliability, MyCentsys Remote also prioritises your security, with biometric and PIN options available for increased protection. Our app also allows you to configure your favourite actions, customise device icons, and receive in-app notifications of errors and alarms.

MyCentsys Remote also features a single, feature-rich interface for all your access and automation requirements, which can be linked to both SMART and ULTRA GSM devices. You'll have access to live device status and health information, push notifications, and the ability to trigger actions, all in one convenient app.

Experience the next level of comfort and capability with MyCentsys Remote: the ultimate solution for gate and garage access control.

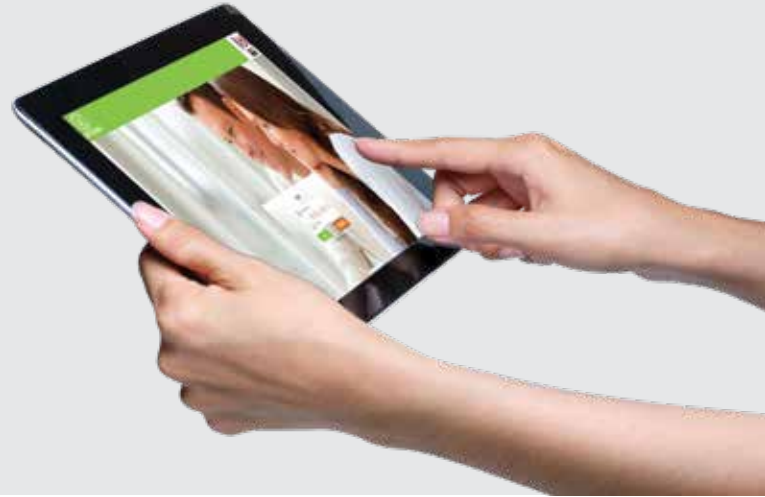
#### **Main Features**

- Activate device outputs with a single tap
- Names and colours of "buttons" are fully customisable
- Device monitoring via push notifications with the ability to block notifications for each individual phone
- The MyCentsys Remote app boasts a dedicated screen displaying critical system information such as airtime balances and device signal strength.
- The current IO status can be viewed on the Status Panel
- Status panel:
- Visible IOs can be configured for each Access Profile
- Each G-REMOTE instance can have access to multiple devices

## G-WEB ONLINE INTERFACE FOR SETTING UP AND ADMINISTERING GSM DEVICES

Use the power of the Internet to administer your CENTURION GSM device from anywhere. Whether you want to add or delete users, edit device settings, view transaction logs, load airtime or even bootload your GSM product with the latest firmware, **G-WEB** gives you the freedom to do so without having to leave your home or office.

Compatible with G-ULTRA and G-SPEAK ULTRA.



## MAIN FEATURES

- Easy user interface to set up and administer CENTURION GSM devices
- Password-protected security
- Manage all your CENTURION GSM devices - including the G-SPEAK intercom system - from a single user profile page
- Easy upload of multiple users' phone numbers – ideal for large residential complexes
- Quick and easy to add, edit or delete single or multiple user phone numbers
- View and export transaction logs to monitor usage
- Synchronises all settings and logs seamlessly, including detailed reports of all changes made via website
- Purchase synchronisation credits online via secure payment gateway or with Internet banking
- Configure advanced features such as Any Number Mode, time-based access control and rising and falling edge input triggering, from the comfort of your home or office
- Support for multiple languages
- Thanks to the G-ULTRA's over-the-air bootloading facility, you can update the device's firmware from any PC or laptop with Internet access, giving you time for life's more important things!
- Keep track of access numbers and their settings as well as names and unit numbers
- Easily upload and export access numbers using Excel
- Remotely monitor airtime, voltage and signal strength for all your devices
- Effortlessly transfer between accounts