



4G

G-SPEAK ULTRA

ADVANCED 4G GSM-BASED INTERCOM SYSTEM

Answer your intercom from anywhere in the world for maximum security and convenience

A BRAND OF
FAAC TECHNOLOGIES



MADE IN
SOUTH AFRICA

24
MONTH
WARRANTY



G-SPEAK ULTRA

Step into a world of unparalleled convenience and tranquility with the **G-SPEAK ULTRA**. It's not just an intercom system; it's a seamless fusion of cutting-edge GSM technology and CENTURION's sleek ULTRA interface, creating a gateway to the future. This isn't just about wireless communication; it's about rewriting the rules of connection.

The **G-SPEAK ULTRA** transforms the way you interact with your intercom gate station. Picture this: answering your intercom from virtually anywhere, transcending the boundaries of convenience. Yet, it's more than just a convenience; it's a formidable deterrent to would-be intruders, sending a clear message that your space is safeguarded by the pinnacle of security technology.

FEATURES AND BENEFITS

Powerful 4G Technology

Experience the next generation of wireless connectivity with our **G-SPEAK ULTRA** GSM intercom solution, now empowered with 4G technology. This enhancement brings a host of benefits, making it the forefront of modern communication solutions. With 4G connectivity, enjoy excellent network coverage that extends to even the most remote areas, ensuring you stay connected wherever you go.

Transfer data at lightning speeds, for dependable intercom communication and instant activation of connected devices, whether your gate motor, outside lights, or alarm panel, as well as quicker access to information – all from your mobile handset and the **MyCentsys Remote** app. The transition to 4G also translates to increased reliability, offering a stable and consistent connection for all your remote communication, monitoring and control needs.

Streamlined Wireless Experience

In the world of intercom systems, 'less is more' holds true. With the **G-SPEAK ULTRA** 4G GSM-based intercom, we've taken this to heart. Experience the benefits of reduced wiring: saving you both money and time, and requiring less effort. Your mobile and/or land-line phone seamlessly functions as the intercom handset, eliminating the need for costly cable installations back to your home or office.

Enhance Your Security

The **G-SPEAK ULTRA** system empowers you to respond to your intercom from virtually anywhere, creating the illusion of a perpetually occupied home. This significantly heightens security, serving as a powerful deterrent to potential intruders. Moreover, only pre-authorized, registered phones can gain access to the system.

Control Your Gate from Anywhere

With the **G-SPEAK ULTRA** system, you can grant access to up to 1500 users from anywhere using the **MyCentsys Remote** mobile app or by using your phone's keypad during a connected call. No need to compromise your home's security by providing keys or remotes to external service providers - you can grant them limited access. The enhanced **G-WEB** online and app interfaces make user administration a breeze, allowing you to suspend, enable, or provide time-limited access effortlessly. Rest assured, you're in complete control.

Seamless Monitoring and Activation

With the **G-SPEAK ULTRA**, we're giving you the ability to monitor and control up to four channels, independently configurable as either inputs or outputs.

Receive push notifications on your mobile of events such as¹:

- Gate left open
- Infrared gate safety beams obstructed for unusual length of time
- Alarm activated
- Mains power failed

Control up to four different devices via using the MyCentsys Remote app¹:

- Open your gate/garage from anywhere in the world
- Switch a pool pump on or off
- Control a generator
- Activate irrigation systems
- Switch on lights
- Arm an alarm

Outputs can be configured as either pulsed or latching, with user-specified pulse times for even more flexibility.

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1. Certain functionality may require additional interface devices such as relays, isolators, etc.

Easy and Secure Setup

Your new or existing **G-SPEAK ULTRA** intercom system can be easily administered via the **G-WEB** website or mobile app. Add, delete and edit authorised users and select which **G-SPEAK ULTRA** functions they can use, load airtime and configure the inputs and outputs.

When you choose **G-SPEAK ULTRA**, you also get access to CENTURION's web interface, **G-WEB**, which means managing all your devices from the comfort of your home or office, PLUS:

- Remotely change settings such as passwords; call, ring and hang times; channel settings, Voice and Switch Numbers
- Receive firmware update notifications and update firmware over-the-air
- Monitor network balances, power supply voltage and signal strength
- View diagnostics and event logs
- Set up timed auto-activations
- Add, delete, suspend users and administer their profiles

G-WEB is now also available as a free mobile app! Download **G-WEB** on your smartphone and give your clients on-the-go service with easy management of ULTRA devices from anywhere. You can add, delete and edit devices, set up functionality and manage access numbers whether you're onsite or on the road.

Easy Access to Diagnostics

This sophisticated device provides intelligent feedback via a graphic user interface displaying status, system information and diagnostic messages for the complete ULTRA experience.

Clarity of Communication

With **G-SPEAK ULTRA**, your voice, and the voices of your visitors, are guaranteed to be heard loud and clear. Thanks to cutting-edge GSM audio technology, you can expect crystal-clear speech quality. The system offers unmatched flexibility with adjustable volume settings, along with customisable call, ring, and hang times to suit your preferences.

Intelligent Gate Status Monitoring

G-SPEAK ULTRA transcends the limits of physical proximity, granting you a sense of dual presence. Through seamless integration with CENTURION gate motors, your **G-SPEAK ULTRA** system can be configured to alert you about the status of your gate—whether it's left open or in any other state defined by you, through intelligent monitoring of the gate motor's status output.

Adjustable filter settings allow you to specify the conditions under which you receive notifications, such as if the gate remains open for more than 5 minutes.

Security, Meet Convenience

For even more security, flexibility and control, use the built-in Weekly and Visitor Access Modes to control access right down to the minute!

Timed Access Control

(Weekly and Visitor) 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. As a special value-add developed specifically with B & B owners in mind, customised arrival and departure messages with welcoming messages, access instructions, etc., can be sent automatically to guests and visitors.

Alternatively, set weekly recurring time-periods (for example 8am to 5pm, Monday to Friday) during which users will have access to the system. Outside of the configured time-periods, access will be denied. Add the ability to map inputs to outputs, customise the input and output notification messages and use the **G-SPEAK ULTRA** in advanced applications, such as industrial fridge/freezer temperature monitoring, and you have a powerful and convenient GSM-based monitoring and control solution. Up to 20 separate text messages with up to five scheduled outputs can be configured.

Time barring windows can be configured to block notifications, activations or specific access numbers. In addition, Each call button can be individually time-barred. For example, the primary button can be time-barred so that only the secondary call button works during the evenings or early in the morning while the primary call button is disabled.

Revolutionising Automation with Auto-Activation Scheduling

The **G-SPEAK ULTRA** boasts a built-in 7-day timer that enables you to easily set up multiple, recurring automatic output activations for any time on any day of the week. Simply log into **G-WEB** and schedule your entire week's activations. The **G-SPEAK ULTRA** will take care of the rest.

Set up schedules to automatically activate:

- Gate automation systems
- Pool pumps
- Lights
- Irrigation systems
- Roller-shutter doors

UNLEASH THE POWER OF THE ULTRA RANGE WITH THE **MyCentsys Remote APP**



MyCentsys Remote

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

- Unbelievably cost-effective monitoring and control solution
- 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 and assigning unique tones for each device linked to a profile
- 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
- Visible IOs can be configured for each Access Profile
- Each **MyCentsys Remote** instance can have access to multiple devices

G-WEB

G-WEB is a unique offering from CENTURION that allows you to set up and monitor your **G-SPEAK ULTRA** devices via www.gweb.co.za. That means you don't even have to waste precious time and expense going to site - all **G-SPEAK ULTRA** administration can be done from the comfort of your home or office!

- 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

All-Important Security

Besides being an admin dream, **G-WEB** is also great for surveillance and site monitoring. Detailed transaction logs tell you exactly when your **G-SPEAK ULTRA** devices were activated, and by which user.

Over-The-Air Updating of Firmware

Thanks to the **G-SPEAK ULTRA**'s over-the-air bootloading facility, you can allow the **G-SPEAK ULTRA** to automatically receive firmware updates from the **G-WEB** server.

USER EXAMPLES

Simple, effortless dialling to dedicated numbers - easy to use and prevents abuse.

Ideal for:

- Small children to reach their parents
- Elderly persons to reach their children and care-givers
- Warehouse receiving areas
- B & Bs and guesthouses

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

Devices that can be controlled via the outputs

- Automated entrance gates
 - Geysers
 - Borehole pumps
 - Lighting systems
 - Irrigation and water features
 - Alarm systems
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TECHNICAL SPECIFICATIONS

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 MTN® SIM Card Supplied ^{1, 2}
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"> • 1500 Access numbers • 5000 Event logs • 20 Access Profiles • 1 Custom Welcoming SMS Message for New Access Numbers • 20 Custom Output Activation SMS Messages (From User to Device) • 30 Custom Input Notification SMS/ Email Messages (From Device to User) • 100 Visitor Time-barring Windows (Windows are the periods between two dates) • 30 Generic Time-barring Windows (Windows are weekly recurring) • 10 Output Activation Schedules (Schedules are weekly recurring) • 3 Daylight Saving Periods • 4 Input to Output Mapping Configurations
Model Options	GSM 2G: 850/900/1800/1900MHz (EDGE) GSM 3G: 900/2100MHz (EDGE) 900/2100MHz (UMTS) GSM 3G PENTA: 800/850/900/1900/2100MHz (UMTS) GSM 4G/LTE-CAT1: 900/2100MHz
Degree of protection (G-Speak Ultra)	IP40
Degree of protection (Calling Module)	IP52

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