





WIZO WIRELESS AUTOMATION

The WiZo-Link wireless input-output module is your gateway to a wireless future. Using mesh network technology, the WiZo creates fully-wireless connections between your appliances, adapting to the environment for the ultimate in flexibility.



WiZo-Link WIRELESS INPUT/OUTPUT MODULE

WiZo-Link uses radio technology to create what is known as a mesh network. This may be described as a layer of radio communications (think of these as roads) where every device (**WiZo-Link**) is continually acting as a repeater for all the signals (the “traffic” or “vehicles” travelling on the “road”) in the network, even if these devices are not associated with that **WiZo-Link**



MAIN FEATURES

- Make anything wireless thanks to mesh network technology
- Range is no longer an issue – extendable range with redundancy
- Not reliant on line-of-sight
- Control a wide variety of appliances with a centralised entry point GSM device
- Eliminates wired cabling – no need to deface your property and spend large amounts of money
- Bidirectional communication
- A virtually unlimited list of possible applications - it's home automation made simple, and wireless!
- Direct distances between **WiZo-Link** devices can be as far as 4km (line-of-sight)
- **WiZo** networks can be grown to almost any size. One could, for example, start by switching on just one outside light and gradually add to your network until there is a considerable number of 'nodes' in your network, performing a wide variety of functions
- Gate and garage door motors
- Pedestrian gates
- Pool pumps
- Sprinklers
- Alarm systems
- Lights.

Possible applications:

TECHNICAL SPECIFICATIONS

Technical Data	WiZo-Link
Supply voltage range	11.5V – 24V DC
Average current consumption	30mA
Peak current consumption	50mA
Operating temperature range	-15°C - 50°C
Maximum number of WiZo-Links in a network	50
Number of outputs to which a single input can link	10
Number of inputs that can be linked to a single output	10
Weight	65g
Dimensions	78mm W x 58mm D x 31mm H
Humidity	0 – 90% (non-condensing)



OPTIONAL WiZo-SOLAR

Optional: Take wireless convenience to the next level with the WiZo Solar: a fully autonomous, battery-powered module that can be used either as a signal repeater to extend the network range, or as a standalone monitoring solution.

MAIN FEATURES

- Convenient and flexible – can be mounted anywhere without having to run electrical wires
- No power supply needed – battery is charged via solar power
- Extend the range of an existing WiZo network
- Robust monitoring solution – use the included input* to remotely monitor fluid levels and other variable states
- Kit includes convenient solar mounting bracket

*The WiZo Solar does not have an output, and can therefore not be used as an activation device



WiZo-LINK



WiZo-SOLAR





We believe in creating products that **make your life easier**. Whether through graphic interfaces for easy setup and diagnostics, modular components for simplified installation and maintenance, or wireless technology for the ultimate in convenience and control, each **CENTURION** solution is engineered to save you time onsite.

It is this philosophy, and our dedication to **changing the world through the power of technology**, that informs every aspect of this **complete solution for wireless control**.

How our solution makes your life easier:

- Minimal wiring required – quick and easy to install
- Effortless online setup of GSM component(s)
- Network redundancy (“self-healing”) means zero downtime, even if a device in the network fails¹ – robust and reliable

1. Assumes more than two nodes in a network

You’re only four steps away from being transported to the world of tomorrow; a world without wires, and without limits, made possible by the convergence of three powerful technological innovations. Only from **CENTURION**.



Step 1: Enter the Ultraverse

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 and allowing you to transcend archaic notions of what GSM can achieve. Unbridled. Unchained. Unmatched. Ultra.

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 plethora of access control devices including gate motors, traffic barriers and garage door operators
- Miscellaneous security applications – be notified via push notification (**G-REMOTE** mobile app), SMS, Missed Call or email of alarm activations, electric fence triggers and mains power failures

Main features

- Monitor up to four electrical devices by receiving push notifications to your phone (via **G-REMOTE** app)
- Use the inputs to control up to six devices from your phone (two additional onboard relays)
- Intelligent monitoring of CENTURION gate motors’ status outputs (for example gate opening, gate left open, etc.)
- Suitable for a wide variety of access automation applications
- Time-barring and visitor control – ideal for B & Bs and guesthouses
- LCD screen for easy access to diagnostics
- Activation via **G-REMOTE** mobile app
- Easy setup via **G-WEB PLUS** online interface



Step 2: Go wireless with WiZo

WiZo-Link uses radio technology to create what is known as a mesh network. This may be described as a layer of radio communications (think of these as roads) where every device (**WiZo-Link**) is continually acting as a repeater for all the signals (the "traffic" or "vehicles" travelling on the "road") in the network, even if these devices are not associated with that

Bring your **WiZo** network to life by adding a CENTURION G-ULTRA GSM unit. All you'll need is a single, centralised GSM unit to monitor and control all your **WiZo-Linked** appliances via your mobile phone¹. This is a far more cost-effective solution than installing a GSM unit at every appliance that you'd like to monitor and/or control, and you'll save a wad of cash on cabling and installation costs, not to mention the convenience of controlling your home from your phone.

1. Each device that is to be monitored and/or controlled requires a Master Node in order to facilitate the input/output functionality of the Slave Node(s)

Main features

- Make anything wireless thanks to mesh network technology
- Range is no longer an issue – extendable range with redundancy
- Control a wide variety of appliances with a centralised entry point GSM device
- Eliminates wired civils – no need to deface your property and spend large amounts of money
- Bidirectional communication
- A virtually unlimited list of possible applications – it's home automation made simple, and wireless!
- **WiZo** networks can be grown to virtually any size. One could, for example, start by switching on just one outside light and gradually add to your network until there is a considerable number of 'nodes', performing a wide variety of functions



Step 3: Manage and configure on the move with G-WEB ULTRA

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. Why carry your laptop with you everywhere you go? With our new **G-WEB ULTRA** mobile app, you can manage and configure your clients' **ULTRA** GSM devices from anywhere using your phone. Give your business the edge and impress your clients with amazing service thanks to quick and seamless onsite setup.

Main features

- The ultimate time-saver - manage and configure **ULTRA** devices from your phone!
- Setup simplified - an intuitive wizard lets you effortlessly configure features associated with gate motors, electric fences and alarm systems
- Making your life easier - pre-loaded with wiring diagrams for a wide variety of applications
- You're always in control and always in the know - with a detailed configuration audit log. If any unauthorised person makes changes to the device, you'll know about it!
- Add, edit and delete devices and users, change settings and much more - all from the app
- All the functionality of the **G-WEB** online user interface - on the go



Step 4: Bring it all together with the G-REMOTE mobile application

Experience complete convenience and control with the **G-REMOTE** mobile application; an intuitive command centre to monitor and activate your CENTURION GSM devices using only your smartphone.

Main features

- Unbelievably cost-effective monitoring and control solution – costs less than 1c per activation or notification
- Activate device outputs with a single tap
- Choose from a range of custom icons to represent the functionality associated with each button
- Personalise your **G-REMOTE** experience by customising button colours and assigning unique tones for each device linked to a profile
- **G-REMOTE** comes with built-in text-to-speech functionality
- Device monitoring via push notifications with the ability to block notifications for each individual phone
- The **G-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 **G-REMOTE** instance can have access to multiple devices
- Activation via **G-REMOTE** mobile app, Missed Call, phone keypad, Please Call Me or email
- Easy setup via **G-WEB PLUS** online interface



OUR DIGITAL AND ONLINE BRAND PRESENCE AND SUPPORT

WEBSITE

- Landing pages in French, Spanish, Portuguese and Thai
- Access to product documentation, comparison charts and diagnostic guides
- Device software
- G-WEB PLUS interface for administering CENTURION GSM devices
- Massive library of useful articles
- <http://www.centsys.com>

SUPPORT

- Dedicated technicians, unrivalled backup support and friendly and efficient sales personnel
- Technical support in all official languages, as well as French, Spanish and Portuguese
- Call centre operates 7am to 6pm (GMT +2), Monday to Friday and 8am to 4:30pm (GMT +2) on Saturdays

SOCIAL MEDIA

- “Like” our Facebook page (www.facebook.com/centurionsystems) and follow us on Twitter (@askCenturion) for all the exciting company news, launches, roadshows, competitions as well as technical and sales support
- Subscribe to our YouTube channel for access to an extensive library of how-to videos and tutorials
- Interesting and innovative installations from around the world, including unusual uses of CENTURION products
- Are you on our YouTube channel? Showcase your installations!

NEWSLETTER

- Fantastic way of staying abreast of company news, developments, events and functions, new products and enhancements to existing range



INDUSTRY-LEADING PRODUCT TECHNOLOGIES

TECHNOLOGY

CENTURION products feature a host of industry-leading technologies, all conducive to greater security, greater convenience and superior functionality. Just some of the advanced technologies found in our products are:

- **ChronoGuard** – a world-first timer technology that allows the user to set a myriad Auto-activation and Time-barring functions using the onboard Real Time Clock and Calendar, which tracks the date up to the year 2099
- **Intruder-detection Alarms** – The novel feature-set – consisting of the Beam Alarm and Ambush Alarm - ups the security ante even further by providing an audible output when the infrared gate safety beams are obstructed, or remain interrupted for a pre-defined period of time
- **Code-hopping technology** – CENTURION remote controls are equipped with code-hopping encoders which process the outgoing transmission through a sophisticated encryption engine, making copying and cloning virtually impossible. No two transmitted codes will ever be alike

- **Onboard diagnostics** – Our D-Series range provides both audible and visual feedback of the gate status at any given time. In addition, a designated diagnostic screen makes fault-finding a breeze
- **High-volume capability** – CENTURION operators are designed to work hard, and work hard they do – with some operators such as the SECTOR II traffic barrier being capable of performing in excess of 3000 operations every single day



Connect with us on

 facebook.com/CenturionSystems

 YouTube.com/CenturionSystems

 Twitter@askCenturion

 Instagram@centurion.systems

Newsletter subscription: www.centsys.com/Subscribe

www.centsys.com

**Sharecall 0860 CENTURION (0860 236 887)
+27 11 699 2400**

**Sharecall Technical Support 0861 003 123
+27 11 699 2481
from 07h00 to 18h00 (GMT+2)**

**Sharecall numbers applicable when dialled
from within South Africa only**

The products depicted are for illustrative purposes only. Actual products may differ.

E&OE. Centurion Systems (Pty) Ltd. reserves the right to change any product without prior notice.
All product and brand names in this document that are accompanied by the ® symbol are registered trademarks in South Africa and/or other countries, in favour of Centurion Systems (Pty) Ltd, South Africa. The Centurion Systems logo, all product and brand names in this document that are accompanied by the TM symbol are trademarks of Centurion Systems (Pty) Ltd, in South Africa and other territories; all rights are reserved.

We invite you to contact us for further details.