We invite you to contact us for further details. The CENTURION and CENTSYS logos, all product and brand names in this doct are accompanied by the TM symbol are trademarks of Centurion Systems (Pt South Africa and other territories, all rights are secred.

We invite you to contact up for further desire.

are registered trademarks in South Africa and/or other countries, in favour of Centurion Systems (PPy) Ltd, South Africa All product and brand names in this document that are accompanied by the ® symbol without prior notice

E&OE Centurion Systems (Pty) Ltd reserves the right to change any product

+27 11 699 2481 (16:00 to 02:00 - Australian Eastern Time)

Call: 1300 CENTSYS (1300 236 879)

www.centsys.com.au

from 08h00 to 17h00 (UTC+2) Call Technical Support: +27 11 699 2481

иеяа Отсе: +2/ 11 699 2400 Call Centurion Systems (Pty) Ltd · South Africa

> www.centsys.com/subscribe Subscribe to the newsletter:

> > © centurion.systems @askcenturion

YouTube.com/centurionsystems 🚹 facebook.com/centurionsystems

Connect with us on:

www.centsys.com



GSM DEVICES

G-ULTRA OUICK GUIDE



G-ULTRA))

1. Important Safety Instructions

- 1. Do not install this product near the DOSS sensor inside the gate motor housing or near the remote receiver.
- 2. Do not install this product near any sensitive electrical components.
- 3. All installation, repair, and service work to this product must be done by a suitably qualified person.
- 4. Do not in any way modify the components of the system.
- 5. Do not install the equipment in an explosive atmosphere: the presence of flammable gas or fumes is a serious danger to safety.
- 6. Do not leave packing materials (plastic, polystyrene, etc.) within reach of children as such materials are potential sources of danger.
- 7. Dispose of all waste products like packing materials, according to local regulations.
- 8. Centurion Systems (Ptv) Ltd does not accept any liability caused by improper use of the product, or for use other than that for which the GSM system was intended.
- 9. This product was designed and built strictly for the use indicated in this documentation. Any other use, not expressly indicated here, could compromise the service life/operation of the product and/or be a source of
- 10. Anything not expressly specified in these instructions is not permitted.

This icon indicates tips and other information that could be useful This icon denotes variations and other aspects that should be

nsidered during installation 2. Technical Specifications

Supply Voltage Range	11-24V DC
Maximum Current Draw	300mA @ 12V DC
Input/output Current Rating	50mA (Open Collector)
Relay Contact Current Rating	1A, 30V AC/DC (Resistive)
Input Sense Voltage Range	0-24V DC (0-1.6V Low-input State, 5V-24V High-input State)
Network Provider	MTN (South Africa only)
Number of Configurable Input/output Channels	4
Number of Relays	2
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	IP40

TABLE 1

3. Product Identification



1. Fascia

2. External Antenna Cover

3. Main G-ULTRA Unit

4. Mounting Plate

5. Terminal Blocks 6. Navigation panel

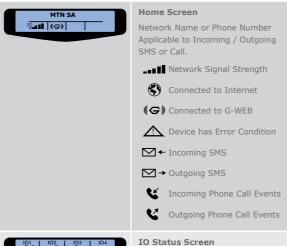
7. LCD Screen

FIGURE 1

Optional: External Antenna NOTE: The Internal Antenna is SIM Card selected by default. Scroll Left Enter / Home

4. LCD Interface

Table 2 below lists the information shown on the different screens found on the LCD interface. The left and right scroll buttons are used to toggle between the different screens.





Input: Deactivated ("E" = Input event reached)

Input: Activated (pulled to ("E" = Input event reached)

Output: Off

Output: On (pulling to ground)



Output Status Screen

Relay X is Switched OFF and Common Contacts are



Relay X is Switched ON and the Normally-Open and Common Contacts are connected.

X= 1 or 2



Voltage/Firmware/Date & Time Supply Voltage • Time • Firmware Version • Date



Phone Number Screen Device SIM Phone Number



Airtime Balance Screen Outgoing Call Credits

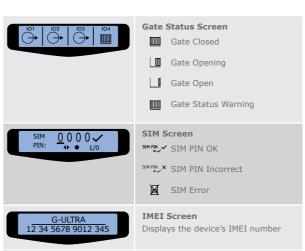


GSM Antenna Selected Screen





• Press Enter to change between Internal and External Antennas



Device Reset

settings (See Section 5). TABLE 2

Refresh the connection to G-WEB or

restore the device to default factory

5. Syncing and Factory Reset

Device Reset



From the main menu scroll left using the direction buttons until "Device Reset" shows on the

Press the enter/home button to enter the sub-menus.



Re-sync (sub-menu)

Re-sync will refresh the connection of the device to G-WEB, and will not erase any settings.

Push the enter/home button to confirm a re-sync, if the current settings are still desired.

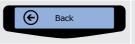


Factory Reset (sub-menu)

Factory reset will restore the device to factory settings.

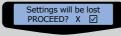
Press the enter/home button to confirm a factory reset.

WARNING! This will erase all settings, and restore the device to its original factory state!



Back (sub-menu)

Press enter/home button to return



Confirmation screen

Confirm or decline proceeding with factory defaulting

TABLE 3

6. Configurations

6.1. Removing the Mounting Plate and Fascia

To access the terminal blocks of the **G-ULTRA**, the back plate and fascia need to be removed. Follow the instructions below to do this.

6.1.1. Removing the Mounting Plate

Gently pull the two clips at the back, backward to release the main G-ULTRA unit, and lift the unit out of the mounting plate.

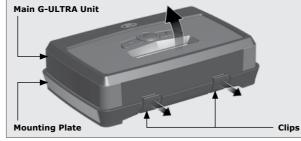


FIGURE 2

6.1.2. Removing the Fascia

The fascia can be removed by inserting the tips of one's fingers into the slots (as shown in Figures 3 and 4), and pulling outward and upward The fascia should pop off without effort.

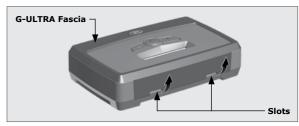


FIGURE 3

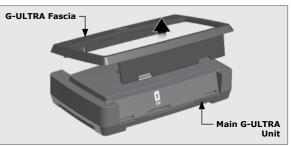


FIGURE 4

Reverse the procedure under Section 6.1 to re-assemble the G-ULTRA.

6.2. Installation

6.2.1. Wall-mounting

The Mounting Plate is used to mount the G-ULTRA device to a wall. Use four screws with wall anchors (not supplied) to secure Mounting Plate.

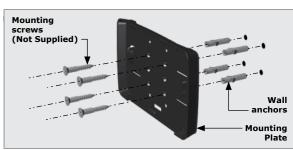


FIGURE 5

Clip the G-ULTRA main unit into the Mounting plate after it has been secured to the wall; a 'click' will be heard if done correctly.



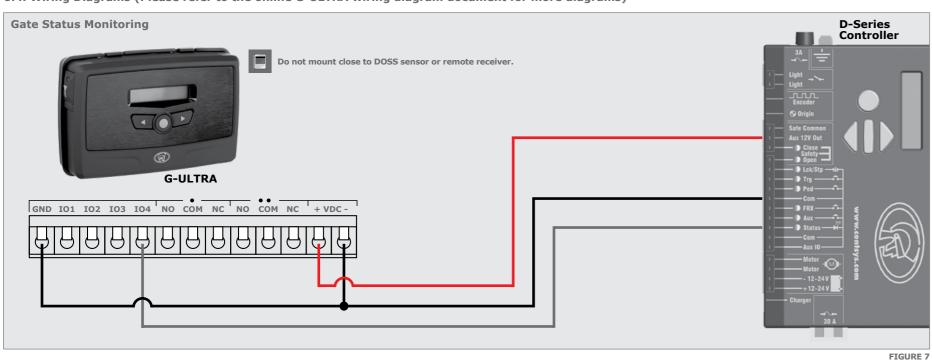
FIGURE 6

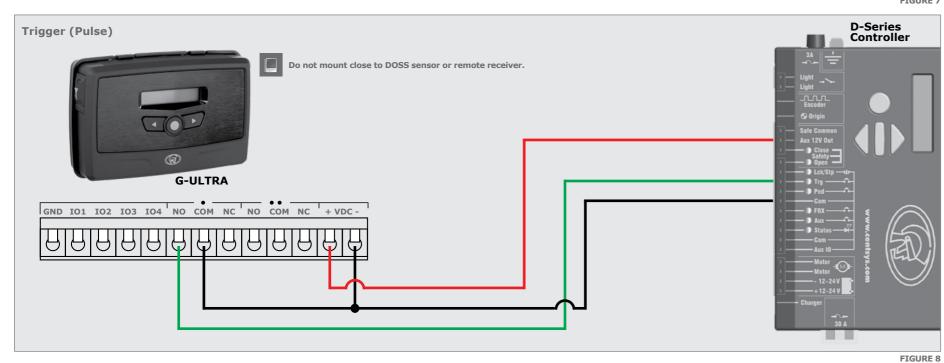
GND IO1 IO2 IO3 IO4 NO COM NC NO COM NC + VDC-

GND Ground Input / Output 1 (Default: Output) IO1 IO2 Input / Output 2 (Default: Output) 103 Input / Output 3 (Default: Output) 104 Input / Output 4 / Gate Status Input (Default: Output) NO Relay 1 Normally-open СОМ Relay 1 Common Relay 1 Normally-closed NC NO Relay 2 Normally-open COM Relay 2 Common NC Relay 2 Normally-closed Positive of Power Supply 12-24VDC Negative of Power Supply



6.4. Wiring Diagrams (Please refer to the online G-ULTRA wiring diagram document for more diagrams)





Looking for more wiring diagrams and product applications? Scan the QR code on your mobile device to be taken to our wiring diagram library.



6.5. Configuration of features

All features - both basic and advanced - can be easily, and remotely, configured via our G-WEB Mobile Phone App or our G-WEB Online Interface.

By simply logging on to the G-WEB App or G-WEB, you can add and delete users, specify text for input notifications and activations, modify device characteristics and many other features.

Download the G-WEB mobile App from your Smart Phone by navigating to the App store or go to http://www.gweb.co.za



It would be necessary to register if you have not previously done so.

6.5.1. G-WEB Mobile App (Installers)

To download the G-WEB Mobile installer app, simply scan the $\ensuremath{\mathsf{QR}}$ code on your mobile device to be taken to the app in the applicable app store for $% \left(1\right) =\left(1\right) \left(1\right)$ your operating system. The G-WEB app gives you on-the-go access to a multitude of configuration and admin settings.















There is no need to download a third party QR Scanner, as there is a QR Scanner that is built into the G-WEB ULTRA Mobile App.

6.5.2. G-WEB Online

Your CENTURION GSM devices can be remotely managed and configured using



6.5.3. G-REMOTE Mobile App (Users)

Download the G-REMOTE mobile app now for free by scanning the QR code on your mobile device. G-REMOTE lets you remotely control your GSM devices from your phone and receive push notifications for systems that are being monitored.









