## NEW: Link your E.T. NICE remotes to Cloud 9.0

Cellswitch Infinity
Size 76 x 66 x 28 mm

### CELLSWITCH *Infinity*

- Have full control over your remotes with the Accentronix E.T. NICE Remote management system by connecting an Accentronix E.T. NICE receiver to the Infinity.
- Features include logging, time-restricted access, adding and deleting remotes from Cloud 9.0.
- 1 year free airtime, data and sms's are included with the two pre-installed and activated Vodacom and MTN sim cards.
- No activation and registration fees. Simply install the device and start using it.
- Dual sim - Both sim cards are online at the same time to control separate outputs.
- A missed-call on sim 1 can control output 1 and a missed-call on sim 2 can control output 1 or 2.
- 2 x Outputs (Control 2 separate gates)
- 4 x Inputs (Monitor various sensors)
- 12/24V Battery voltage monitoring and notifications.
- 10 000 programmable access control users.
- Restricted time-based access control for domestic and gardening services.
- Guest house feature with expiry date and access control notification.
- Daily Peak-hour gate open/close timers with 'Public and School Holiday feature'.
- Beam obstruction alarms and open/close notification from gate controller.
- Low airtime, low battery and offline notifications.

- Advanced output timers with a calendar for inactive days including Public Holidays.
- Detailed access control reports from the ultra fast Accentronix Cloud 9.0 online platform.
- Free welcome sms'es to new users – Message contains a web link that will give user-specific information with a list of all the devices they can use and how to use them, including time-based restrictions that may apply to the user.
- Connects to 'gate status' output on gate controller for open/close, AC fail, obstruction and fault monitoring.
- Unlimited alarm and control push-notifications with our Accentronix Instant Messenger app.
- Alarms and events are sent by SMS, instant messenger and email.
- Advanced Electric Fence monitoring and control by connecting Directly to the energizer Keypad Data Interface.
- Monitor electric fence alarms, fence voltages, battery voltage, power-fail and tamper alarms on all popular energizers.
- Energizer remote keypad commands by SMS. Send multiple commands in one SMS  012345*0#  261#  *#

## SUBSCRIPTION

**Included when you buy this device:** all airtime, all data, 60 sms's per month, unlimited updates, all premium features, security upgrades and premium support for 1 year.

**The sim cards have already been RICA registered and activated with airtime, data and sms's by Accentronix.**

After 1 year, you will have the option to renew the subscription for R365 excl vat. Alternatively, if you whish NOT to renew the subscription, you can manage the airtime yourself at the standard old Cellswitch 100 subscription charges.
Our system will notify you well in advance to either renew the subscription or alternatively load airtime on the sim cards.

## ACCENTRONIX INSTANT MESSENGER APP

- Enjoy unlimited push-notification messages from and to your Cellswitch Infinity.
- Install the Accentronix Messenger app from the app store on your smart phone free of charge.
- If your phone temporarily loses its data connection you will receive messages by normal sms as a backup service. These messages are deducted from your subscription (60 sms'es per month).

Search for AccentroniX in the App Store

## SETTING DEVICE UP FOR ACCESS CONTROL FOR A GATE

Step1 - Do NOT remove or load airtime on the sim cards!
Step2 - Install Mode is activated while the device is not registered which means that anyone can call the device to open the gate for commissioning purposes.
Step3 - Connect the antenna and 12 or 24Vdc (max 32Vdc) to the device and wait for the green LED on the device to start flashing slowly.
Step4 - Log on to Cloud 9.0 at www.cellswitchportal.co.za (Create an account)
Step5 - Click on 'Register device' and enter the cellphone number of Sim 1, give the device a name and click on 'Register'.
Step6 - Go to 'Access Control' and add the name and cellphone numbers of the users.
Step7 - Click on 'Update Device'.
(Optional) Connect an Accentronix E.T.NICE receiver to the data input of the Infinity and activate by clicking on the "Enable" checkbox in Global Remote Options. Click on "Quick Learn" in the Access Contol Options and press button on remote 3 times to learn.

## NOTES ON THE INPUTS AND OUTPUTS

- Output 1 has an integrated relay. Max 2 Amp 50Vdc.
- Output 2 is an open collector output which can be connected DIRECTLY to the gate trigger.
- Input 1 to 4 is triggered high by applying 12 or 24Vdc to the input.
- Connect the gate controller's status indicator directly to Input 1 or 2 to monitor gate open/close status.
- Permanent beam-obstruction alarms can be done by using any of the 4 Inputs.
- Connect the entrance or exit loop through Output 1 to force a car to be at the gate before allowing access.
- Set the integrated output timers to trigger the exit loop for 120 seconds to allow for enough time for a visitor to reach the exit gate.
- Use the output timers to automatically open the gate during peak hours but keep them closed during the weekend and public and school holidays.
- Connect a Mag Lock directly to Output 1 (n/c) and (com) terminals of the integrated relay (2Amp @ 32Vac/dc) and set the integrated output delay timer to 10 seconds.
- Connect Output 2 directly to the Pedestrian trigger. Output 2 is an 'open collector' output which means it gives 0V to what ever it is connected to while it is switched on. (max 1 Amp @ 32Vdc). To drive heavier loads, connect the one end of the coil of an external (12/24Vdc coil) relay to 12/24Vdc and the other end of the external relay's coil to Output 2. If output 2 is switched on, it will supply 0V to the relay and turn it on.

## ADVANCED OPTIONS

- You can link a device to another account by clicking on the blue 'link' icon.
- Two or more devices can be linked together on the website. This allows you manage the entrance, exit and pedestrian gates with a single access control list.
- Restricted access control allows you to restrict access of a specific user to a specific gate for certain times on specific days.
- It also allows you to expire users after a specific date and time.
- Detailed Access control logs and Events can be viewed online. Automatic daily/weekly/monthly Email reports can  be set up as well.
- Output timers allow the gate to be automatically opened and closed during peak hours.
- An Inactive Days calendar allows the gate not to automatically open on Public and School Holidays.
- Output 1 and 2 delay timers can be set to activate entrance and exit loops on a missed call.
- Outputs can be activated by missed-call, please-call-me, sms or our instant messenger app.
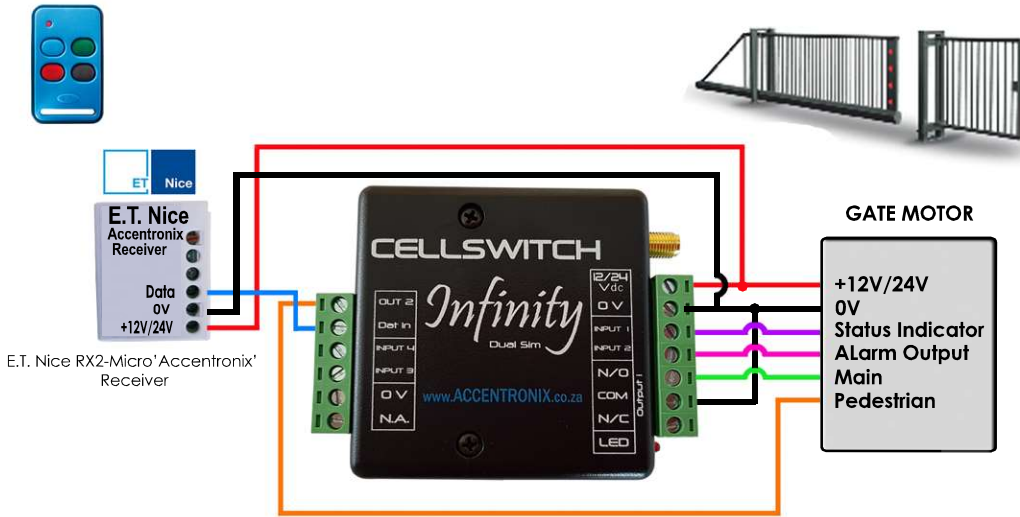
## TROUBLE SHOOTING

- During power-up and after an update the GREEN LED will be solid for a few seconds.
- It will start flashing fast when it registers on the GSM network. After the device is logged onto the cloud the led will flash slower. This can take up to a minute.
- If the GREEN LED stay solid or keeps on flashing fast for more than 5 minutes, move the Antenna to a higher position.
- The RED LED shows the on/off status of output 2 and error codes if flashing fast.
- Contact Accentronix technical support on 087 550 3479 for fast and friendly service.

National Technical Support Line:

# CELLSWITCH *Infinity*
## CONNECTION DIAGRAMS

### CONNECTION TO GATE



E.T. Nice RX2-Micro'Accentronix' Receiver

E.T. Nice Accentronix Receiver

Data
0v
+12V/24V

**GATE MOTOR**

+12V/24V
0V
Status Indicator
ALarm Output
Main
Pedestrian

### CONNECTION TO ENERGISER



**Dual Zone**

NEMTEK Electric Fencing Products

+12V/24V
0V
Data

KEYPAD

Light 1+
Light 2+

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### ENERGISER MONITORING AND CONTROL

**Main Features**
- Keypad commands by sms: Simply sms any keypad command to the energizer i.e. 1234#
- Send multiple keypad commands in one sms seperated by a space to configure any setting on the energizer.
- Max 5 sms's per alarm to prevent excess sms's sent. Re-arm to reset sms count.
- Monitor battery voltage, fence health, power failures and zone alarms.
- Control the energizer by missed-call or sms commands.
- Both an Infinity and keypad may be connected to the energizer at the same time.

**SMS Commands**
On   Off   1234#   to switch the energizer on or off.
HP   LP   for High/Low Power
Help   to get a list of sms commands.
Status   to get the current energizer status.

**Device Setup**
1  Register the device on www.cellswitchportal.co.za
2  Advanced Settings -> General Setup -> Select energizer type.
3  Add your cell number in the SMS Notification Options AND the Access Control section.
4  Click on 'Update' and wait 1 minute for the green led to flash slowly.
5  The red led flashing indicates communication between the Infinity and the Energizer.
6  Missed-call or sms 1234# to arm the energizer. You will receive a status sms back after 10 seconds.