

SETTING DEVICE UP FOR ACCESS CONTROL FOR A GATE

- Step1 - Do NOT remove or load airtime on the sim card!
- 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 12 or 24Vdc (max 32Vdc) to the device and wait for the Red 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 Simcard, 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 Cellswitch Nano** 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 and 2 is an open collector output which can be connected DIRECTLY to the gate triggers.
- Input 1 and 2 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 2 Inputs.
- Use the output timers to automatically open the gates during peak hours but keep them closed during the weekend and public and school holidays.
- Connect Output 1 and 2 directly to the gate triggers. Output 1 and 2 are 'open collector' outputs which means it gives 0V to what ever it is connected to while they are 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 the Output. If the output is switched on, it will supply 0V to the relay and turn it on.

ADVANCED OPTIONS

- Connect both an Accentronix E.T. NICE Receiver and an Electric fence Energizer onto the 2x Data inputs of the Nano to control the fence with a remote.
- 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.
- Get Access contol notifications that includes the person's name.

TROUBLE SHOOTING

- During power-up and after an update the NETWORK STATUS 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 NETWORK STATUS LED stay solid or keeps on flashing fast for more than 5 minutes, move the device to another position.
- Contact Accentronix technical support on 087 550 3479 for fast and friendly service.

National Technical Support Line:
087 550 3479
support@accentronix.co.za
www.accentronix.co.za

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



CELLSWITCH
Nano +

- 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 Cellswitch Nano and Nano+.
- 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 a pre-installed and activated Vodacom sim card.
- No activation and registration fees. Simply install the device and start using it.
- A missed-call on simcard control output 1 and please-call-me control output 2.
- 2 x Outputs (Control 2 separate gates)
- 2 x Inputs (Monitor various sensors).
- **2 x Data Inputs (E.T. NICE Receiver and Electric Fence keypad)**
- 12/24V Battery voltage monitoring and notifications.
- **Cellswitch Nano** 10 x programmable acces contol users.
- **Cellswitch Nano+** 10 000 x 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 wish 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

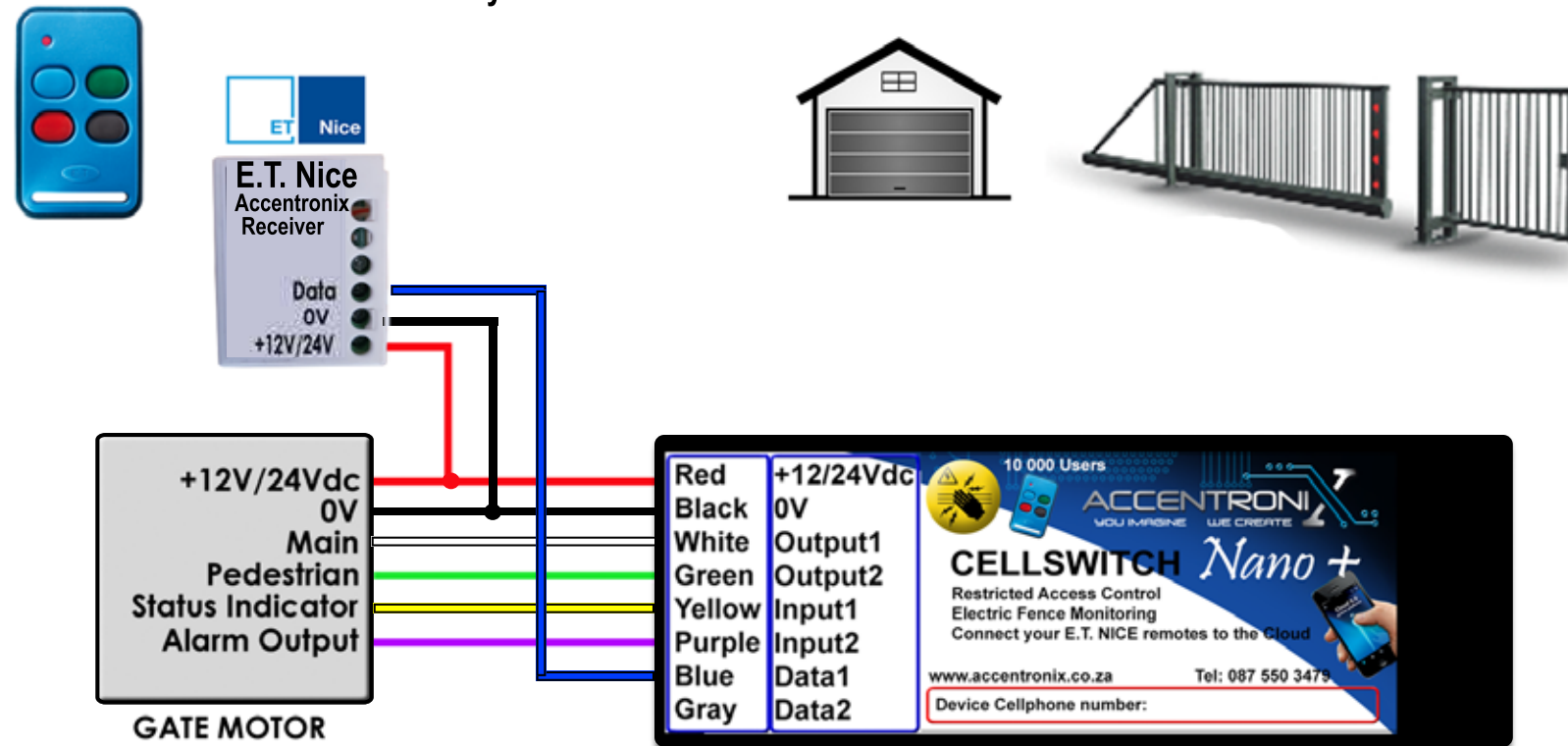
- Enjoy unlimited push-notification messages from and to your Cellswitch Nano +.
- Install the Accentronix Messenger app from the app store on your smart phone free of charge.
- If your phone temporarily loses its data connection you will receive messages by normal sms as a backup service. These messages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



Search for AccentroniX in the App Store

CONNECTION TO GATE / GARAGE

Link your E.T. NICE remotes to the Cloud.



ELECTRIC FENCE MONITORING AND CONTROL

Main Electric Fence Features

- Keypad commands by sms: Simply sms any keypad command to the energizer i.e. 1234#
- Send multiple keypad commands in one sms separated 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 Cellswitch Nano and keypad may be connected to the energizer at the same time.
- Connect an E.T. Nice Accentronix receiver to DATA2 to control the fence with a remote.

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.

? to get the current energizer status.

Electric Fence 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 Status led to flash slowly.
- 5 The red led flashing indicates communication between the Cellswitch Nano and the Energizer.
- 6 Missed-call or sms 1234# to arm the energizer. You will receive a status sms back after 10 seconds.

ELECTRIC FENCE KEYPAD-DATA CONNECTION

Control your Electric Fence with a missed-call, sms and remote.

