

2G-IP-MODULE INITIAL SETUP.

1. If you wish to report to a monitoring Station contact a them to setup an IP-Monitoring account.
2. Fill in the boxes below with information provided by the Monitoring station.

Monitoring Information

Account Code (A) ✓ ✓ = Must have information

User Name (optional) User Password (optional) IP Monitor Fail CID Code (optional)

Monitor Name (IP Address) (C) ✓ Monitor Port # (B) ✓ CID Code (D) ✓

Alternative Monitor Name (IP Address) Alternative Monitor Port # CID Code (optional) Polling Interval (optional)

IP ALARM Protocol (tick one) ✓

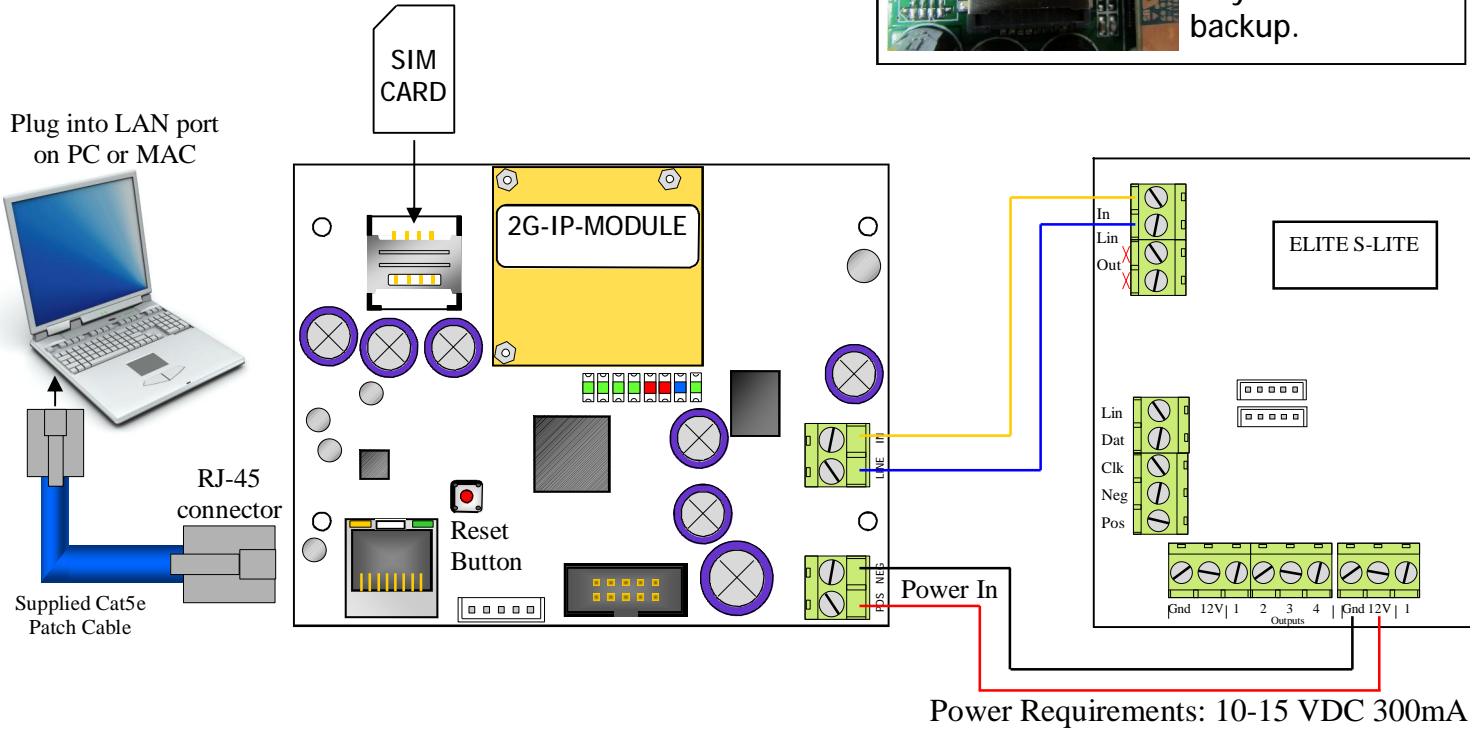
<input type="checkbox"/>	CSV IP ALARM	<input type="checkbox"/>	PATRIOT LS-30	<input type="checkbox"/>	BOLD XML CID	<input type="checkbox"/>	AAP ECID
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3. Insert the SIM Card.
The SIM card holder on the 2G-IP-Module can take 2 SIM cards, 1 in the top (primary) and 1 in the bottom (secondary).
4. Connect the 2G-IP-Module to your Computers LAN port.
5. Connect power to the 2G-IP-Module, this can come from the Alarm Panel.

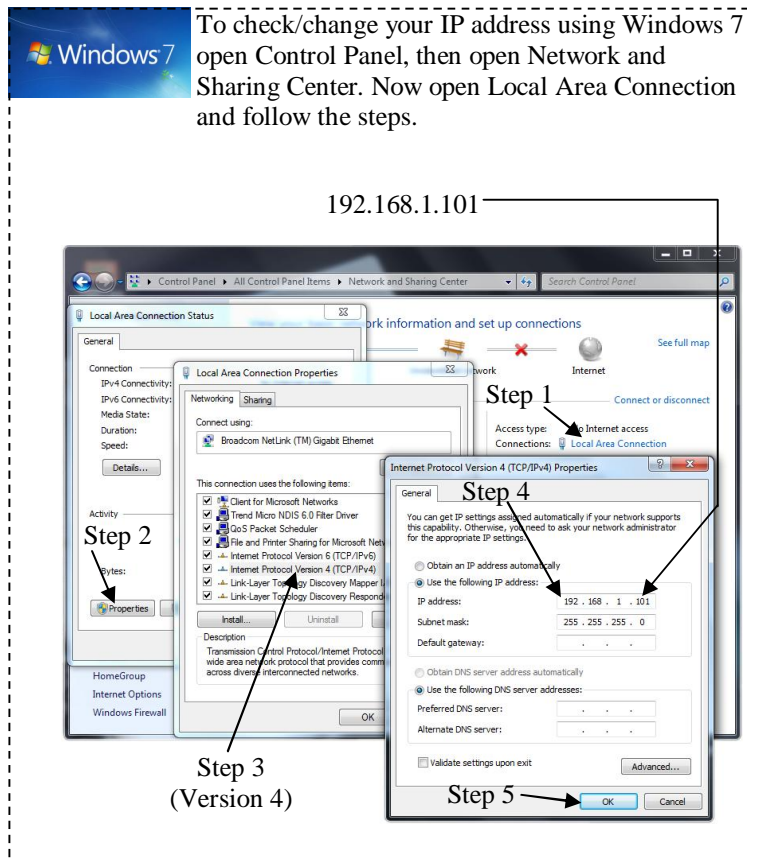
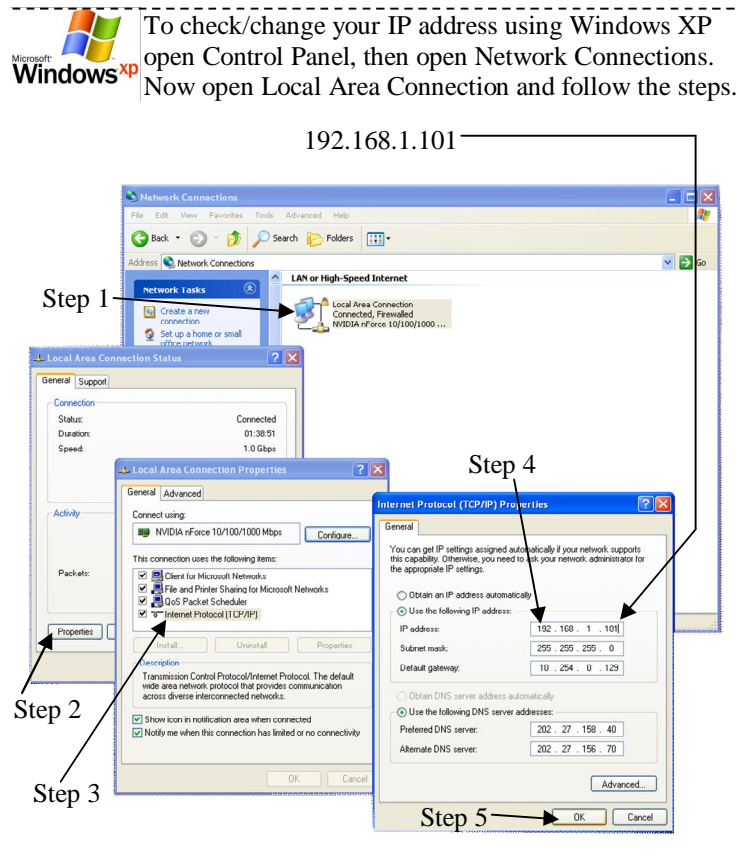
SIM CARD SLOTS

Top Slot ✓
This is the Primary slot (use this one)

Bottom Slot
This is the Secondary slot and will only be used as a backup.

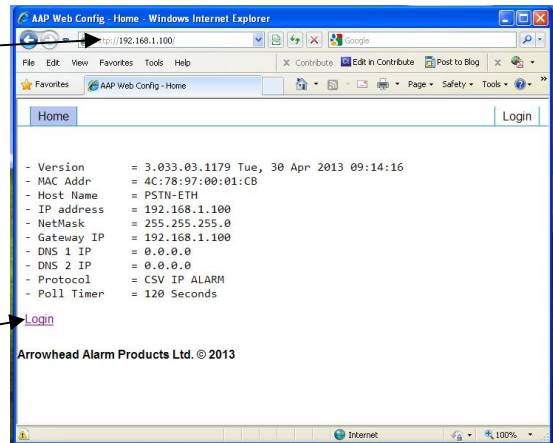


6. Before your computer can communicate with the 2G-IP-Module you may have to set the computers IP address. Address must be within: 192.168.1.□□□ (1 to 243) **Don't use 192.168.1.100** Recommended IP = 192.168.1.101



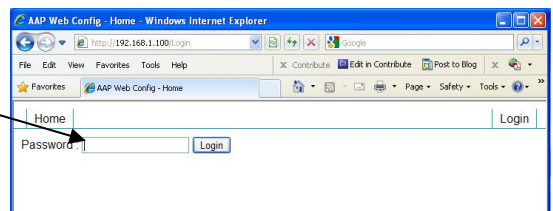
7. Open your web browser:
Internet Explorer, Safari, Fire-Fox or Google Chrome

8. In your Web Browser type the address of the 2G-IP-Module **192.168.1.100** then enter (192.168.1.100 is the default IP address)
If your web browser can not find the 2G-IP-Module, a different IP address may have been assigned.
You will need to Reset the unit, follow the instructions on the next page.



9. When the page opens click on Login

10. Click in the Password box and type in the System Password **000000** then enter (000000 is the default system password)

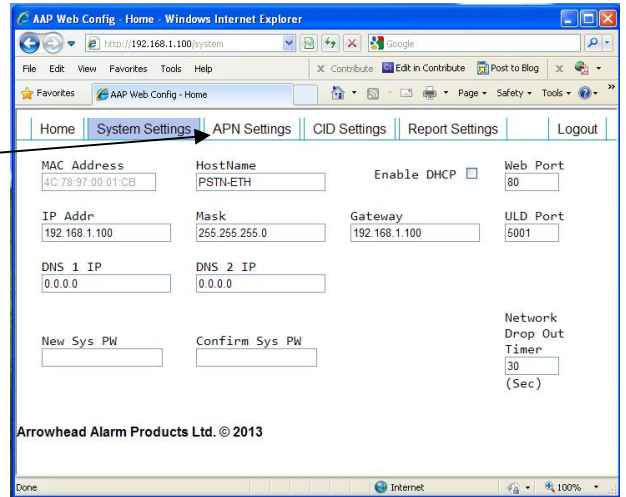


11. Click on 'APN Settings'

You do have the option to change the IP Address of the 2G IP-Module.

Note: This address is only used for setting up the Module.

We do not recommend changing it.

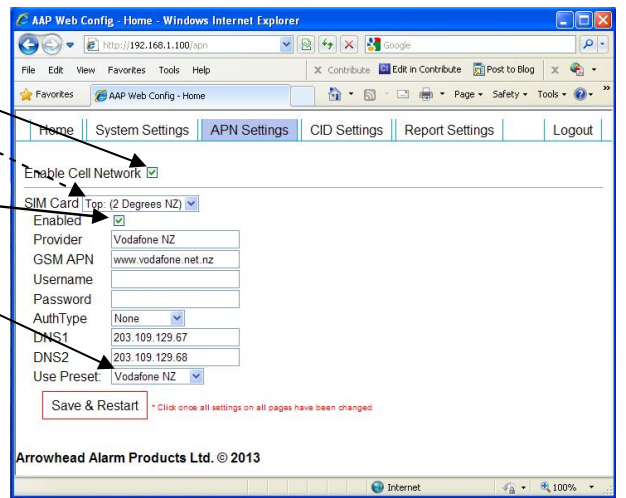


12. Make sure 'Enable Cell Network' is Tick On

If you are using 2 SIM Cards, you will need to Enable the second (Bottom) SIM card slot. Each slot can be setup individually.

13. Make sure 'Enabled' is ticked On under SIM Card

14. Choose your Cellular provider under the Preset drop down list
If the provider is not listed you can manually enter the details.



CID Setup

1. Click on 'CID Settings'

2. Make sure Enable CID Reporting is ticked
If you are using Personal Monitoring Only turn it Off

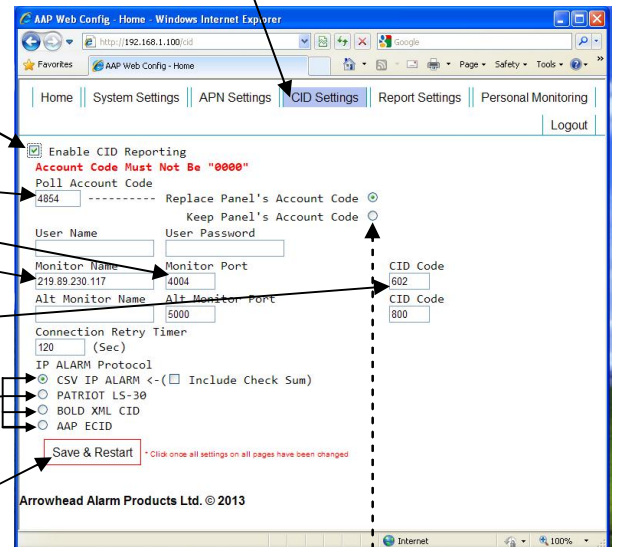
3. The information from the monitoring station is now required.
You Must fill in these 3 boxes.

Note. Use the Tab button to move fields

- A.
- B.
- C.
- D.

4. Depending on the Monitoring station ,
Choose the Specified Protocol:

5. Once all the information has been added click on 'Sae & Restart'.



The 'Keep Panels Account Code' option is intended of systems with multiple Areas that have there own account codes. This allows them to be reported and identified individually through the 2G-IP-Module. A polling account Code is still required.

Personal Monitoring Setup

AAP Web Config - Home - Windows Internet Explorer

http://192.168.1.100/personal

Home | System Settings | APN Settings | CID Settings | Report Settings | **Personal Monitoring** | Logout

Enable Personal Monitoring

CID Event	Message	Recipients
1) New Event (1) Burglary (130) (All Areas) 001	Put your custom zone 1 alarm message in here.	1: <input checked="" type="checkbox"/> 2: <input checked="" type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
2) New Event (1) Burglary (130) (All Areas) 002	Zone 2 Alarm	1: <input checked="" type="checkbox"/> 2: <input checked="" type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
3) New Event (1) Burglary (130) (All Areas) 003	Zone 3 Alarm	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
4) New Event (1) Burglary (130) (All Areas) 004	Zone 4 Alarm	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
5) New Event (1) Burglary (130) (All Areas) 013	Zone 13 Alarm	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
6) New Event (1) Burglary (130) (All Areas) 006	Zone 6 Alarm	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
7) New Event (1) Burglary (130) (All Areas) 007	Zone 7 Alarm	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
8) New Event (1) Burglary (130) (All Areas) 008	Zone 8 Alarm	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
9) New Event (1) Burglary (130) (All Areas) 009	Zone 9 Alarm	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
10) New Event (1) Burglary (130) (All Areas) 010	Zone 10 Alarm	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
11) New Event (1) Burglary (130) (All Areas) 000	The Alarm System has been Activated	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
12) Restore (3) Burglary (130) (All Areas) 001	Zone Alarm has been Restored	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
13) New Event (1) Tamper (137) (All Areas) 000	Alarm System Tamper Alarm	1: <input type="checkbox"/> 2: <input checked="" type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
14) New Event (1) Sensor Tamper (383) (All Areas) 000	Alarm System Zone Tamper Alarm	1: <input type="checkbox"/> 2: <input checked="" type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
15) New Event (1) Low Battery (302) (All Areas) 000	Alarm System Battery is Low	1: <input type="checkbox"/> 2: <input checked="" type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
16) Restore (3) Low Battery (302) (All Areas) 000	Alarm System Battery is now Restored	1: <input type="checkbox"/> 2: <input checked="" type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
17) New Event (1) AC Loss (301) (All Areas) 000	Mains Power Fail on Alarm System	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
18) Restore (3) AC Loss (301) (All Areas) 000	Mains Power has been Restored on Alarm System	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
19) New Event (1) Service Test (802) (All Areas) 000	Alarm System Test Message	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
20) Restore (3) User (401) (All Areas) 001	User 1 has Armed the Alarm	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
21) New Event (1) User (401) (All Areas) 001	User 1 has Disarmed the Alarm	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
22) Restore (3) User (401) (All Areas) 002	User 2 has Armed the Alarm	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
23) New Event (1) User (401) (All Areas) 002	User 2 has Disarmed the Alarm	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
24) Restore (3) Quick Arm (408) (All Areas) 000	Alarm has been Armed from Keypad by Arm Button	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
25) New Event (1) User (401) (All Areas) 000	Alarm has been Disarmed from Keypad by any User	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
26) Restore (3) Radio User (400) (All Areas) 000	Alarm has been Armed by Radio Pendant	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
27) New Event (1) Radio User (400) (All Areas) 000	Alarm has been Disarmed by Radio Pendant	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
28) New Event (1) 557 (All Areas) 000	System meltdown	1: <input checked="" type="checkbox"/> 2: <input checked="" type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
29) New Event (1) Disabled (All Areas) 000		1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>
30) New Event (1) Disabled (All Areas) 000		1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 6: <input type="checkbox"/> 7: <input type="checkbox"/> 8: <input type="checkbox"/>

Recipients (email or mobile number)

1) 021123456	Email Settings Use Custom: <input type="checkbox"/> (use your own email server) From: <input type="text"/> User Name: <input type="text"/> Password: <input type="password"/> SMTP Server: <input type="text"/> Port: <input type="text"/> Use SSL: <input type="checkbox"/> Subject: Security Alarm <input type="button" value="Test Email"/> <input type="button" value="Test SMS"/>
2) bilbo@hobbiton.co.nz	
3) <input type="text"/>	
4) <input type="text"/>	
5) <input type="text"/>	
6) <input type="text"/>	
7) <input type="text"/>	
8) <input type="text"/>	

Save & Restart

Email Settings

Use Custom: (use your own email server)

From: Fred@gmail.com

User Name: Fred

Password: *****

SMTP Server: smtp.gmail.com Port: 25

Use SSL:

Subject: Security Alarm

CID Code String

Type	Event Code	Area	Extension
New Event (1)	Burglary (130)	(All Areas)	001
1=Alarm/Disarm	130= Zone Alarm	001= Area A	001= Zone1/User1/Keypad1
2=Restore/Arm	401= Armed by User	002= Area B	000= Any Zone/User/Keypad

Personal Monitoring Setup

The 2G-IP-Module decodes CID reports sent from the panel and uses them to trigger and send linked messages.

If you are only Use the 2G-IP-Module for Personal Monitoring, you must Turn Off the Enable CID Reporting under the CID Setup page.

1. Open the Personal Monitoring page by clicking on the Tab.
2. Click the 'Enable Personal Monitoring' box
3. Put in the Recipient Cellphone numbers and/or Email addresses
Note: Please ensure the SIM card installed in the 2G-IP-Module is on cellular plan that can send Text messages.
- 3b. If you are sending Emails please put in a description in the 'Subject' Box, the 2G-IP-Module is pre-configured with an AAP email account, emails will be sent from: monitor@pstn.aap.co.nz (by default)
- 3c. If you have your own Email account you wish to use, select 'Use Custom' and fill in the required information. This will require you to contact the Email provider.
4. Choose what messages get sent to Recipients 1 to 8.
5. Customise the messages.
6. If you find there is not a zone reported that you wish to be, you can change the 3-digit Extension Number to the one you want to be reported. Remember to change the default message to match.
7. If you cannot find a CID code pre-loaded in the 2G-IP-Module, you can create your own. This is done by clicking the Event Code box, a dropdown list will appear. At the Bottom of the list choose 'Custom'. You can now put in the CID code to be flagged. Don't forget to put in the Correct Extension Number, (000 = Any Extension)
- 8a. Test SMS contacts, Clicking this button will send a confirmation message to all Cellphone numbers.
- 8b. Test Email contacts, Clicking this button will send a confirmation message to all Email addresses. If you do not receive the message, please check your email providers and Spam filter.
9. Once you have made your changes Click on the 'Save & Restart' button
10. It is recommended to test every different message sending scenario. The TXT/EMAIL LED on the 2G-IP-Module will flash, if a valid CID code is received from the panel.

Trouble Shooting:

No Line voltage out of the Line terminals/ Report Fail LED flashing.

The 2G-IP-Modules controls the line output, If it can not communicate to a monitoring station setup in the CID page, the line will not be released, check your monitoring station details are correct.

If you are only using Personal Monitoring you will need to turn Off CID reporting on the CID Setup page.

SIM Fail LED is flashing

Make sure the SIM card is inserted in the correct way and in the correct Slot, as there are 2.

Confirm your SIM card is Active, If AAP did not supply the SIM card you can try putting the card in a cellphone and try to make a call. Consult your cellular provider for assistance.

Check you have credit loaded on the SIM card.

Can not connect through the Web page/Programming isn't saving.

If your Web browser is out of date this could cause connection and saving trouble. Update it or use another.

Running multiple Network connections at the same time can cause problems. Example turning off wifi might help.

Antivirus software can block access temporarily disabling it could work.

There could be a Virus on the computer that is blocking access, scan the system with good antivirus software.

Resetting

Warning, performing a Reset will wipe all programming fields and return the 2G-IP-Module back to factory default. This includes returning it's IP address back to (192.168.1.100).


To reset simply press and hold the reset button  for 5 seconds



Image A

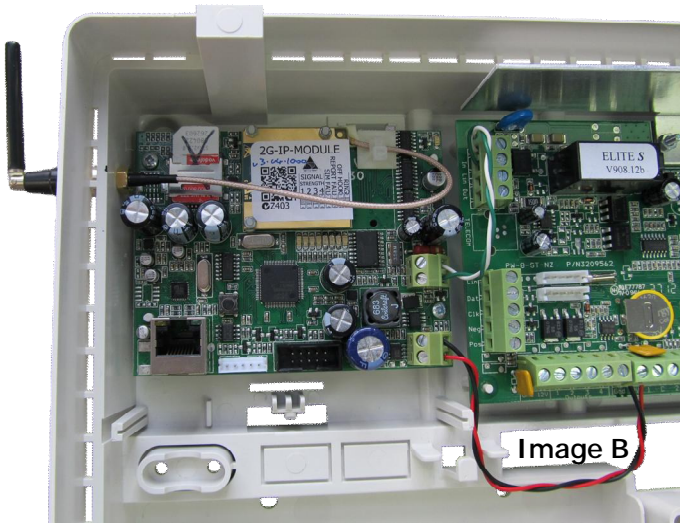


Image B

LED INDICATORS

2G-IP-MODULE

v3.12.1023

↑
FIRMWARE VERSION

SIGNAL STRENGTH	SIM FAIL	REPORT FAIL	OFF HOOK	TXT/EMAIL SEND
1 2 3 4				

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Hardware Installation Options:

Image A: The 2G-IP-Module shown here is installed in a standalone small ABS plastic box 115 x 155 x 76mm (AAP part code: PLAS BOX-L IP65) As it is mounted in a plastic enclosure the antenna can stay inside.

Image B: The AAP standard plastic cabinet has special location points for the 2G-IP-Module to screw into, using the supplied 4G x 1/4 screws. As it is mounted in a plastic enclosure the antenna can stay inside. If the Antenna needs to be externally mounted drill a 6.5mm hole and bolt it through.

Image C: If you are fitting the 2G-IP-Module in a Metal cabinet, the antenna must be externally mounted. Drill a 6.5mm hole (preferably in the Top) of the metal cabinet and bolt it through.

Note: in all installations please keep the antenna cable away from the phone line wires.



Image C



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 Albany,
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 v1.03

