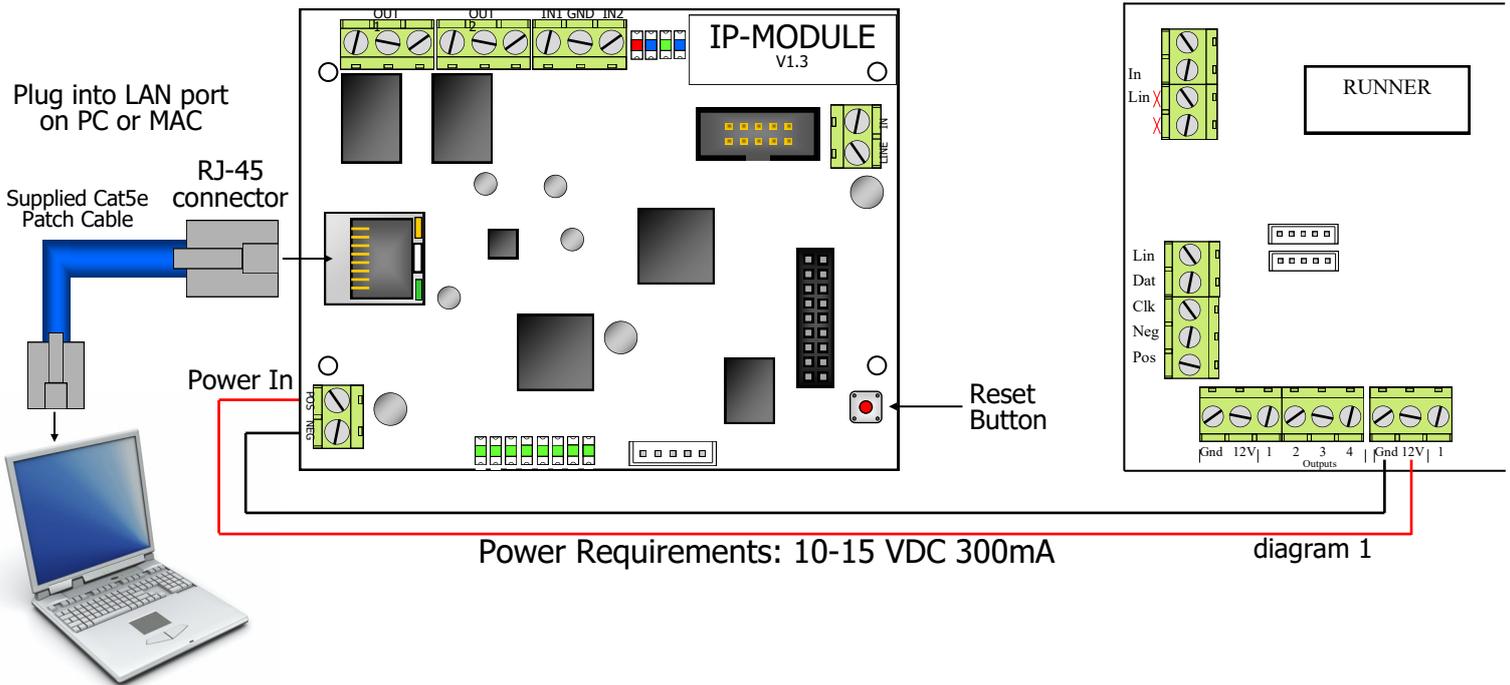# R4816-IP MODULE FOR RUNNER

1. Connect the IP-Module to your Computers LAN port with the supplied Patch cable.

2. Connect power to the IP-Module, this can come from the Alarm Panel or even a 12V battery.

Plug into LAN port
on PC or MAC

Supplied Cat5e
Patch Cable

RJ-45
connector

IP-MODULE
V1.3

Power In

Reset
Button

RUNNER

Power Requirements: 10-15 VDC 300mA

diagram 1

3. Before your computer can communicate with the 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
Choose your version of windows you're using and follow the steps below.

Changing your IP Address on Windows XP

192.168.1.101

Step 1

Step 2

Step 3

Step 4

Step 5

Changing your IP Address on Windows 7

192.168.1.101

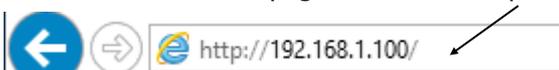Step 1

Step 2

Step 3
(Version 4)
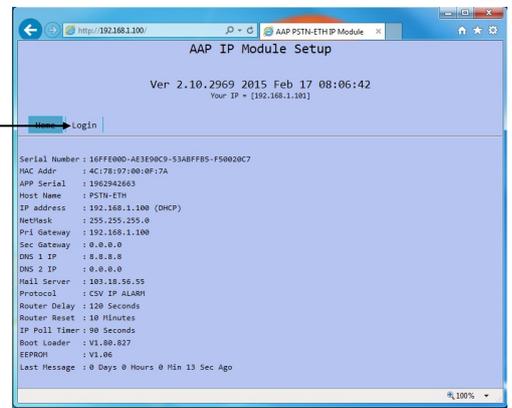
Step 4

Step 5

4. Open your web browser: Internet Explorer 9 & above, Safari, Fire-Fox or Google Chrome (*Explorer 6,7 & 8 not supported*)

5. In the browser type in the IP-Modules Address **192.168.1.100** then press **Enter**
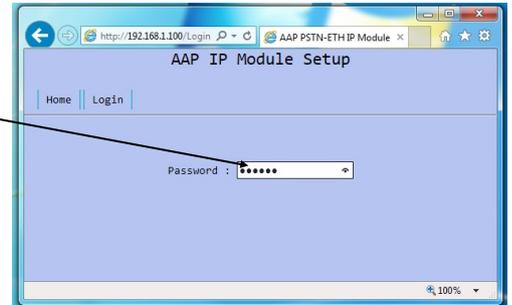The IP-Modules Home page should come up

http://192.168.1.100/

NETWORK SETUP

1. From the IP-Modules Home page Click Login ⟶


2. Click in the Password box and type in the System Password **000000** then press **Enter**
(000000 is the default system password)

3a. For simple Network Setup click on the Box **Enable DHCP** (a small tick will appear).

With DHCP enabled the IP-Module will automatically request the network configuration from the router.
Please note that the Router will also assign the IP-Module with a new IP Address.

4. Now continue the rest of your Setup
For CID monitoring go to page 3
For APP monitoring go to page 4
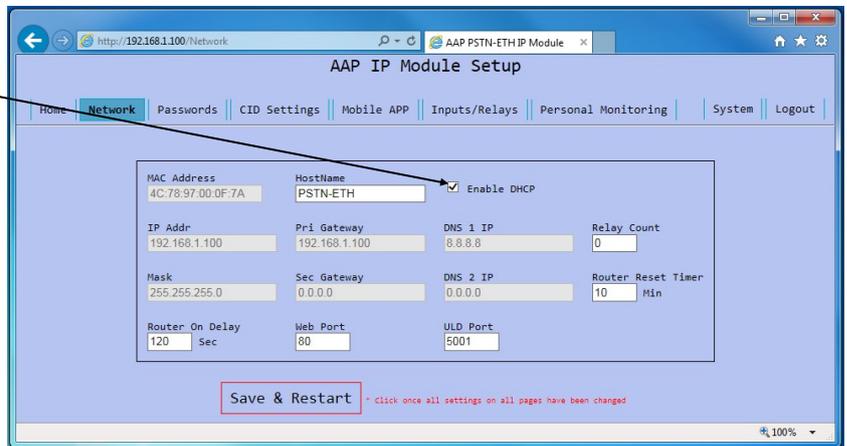
For Advance Setup Only

3b. If you require an advance Network Setup, don't enable **DHCP** instead you can enter your own Gateways, DNS numbers, IP Address and Port number

4. Now continue the rest of your Setup
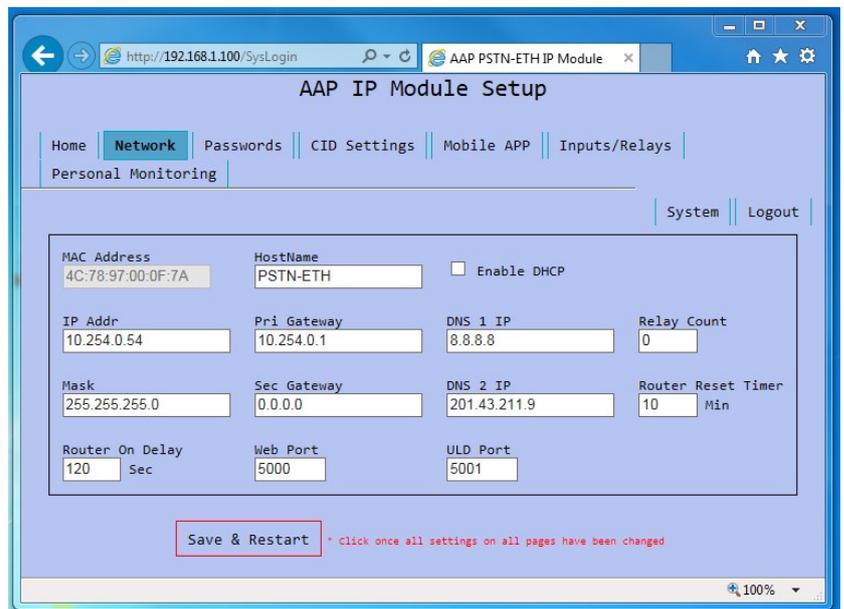
Example Only.

CID SETUP   (for Monitoring Station Communication)

1. Contact a Monitoring station 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 (optional)	Polling Interval (optional)

Alternative Monitor Name . . .	Alt Monitor Port #	CID Code (optional)	

IP ALARM Protocol (tick one) ✓

CSV IP ALARM	PATRIOT LS-30	AAP ECID

3. Continuing from Network setup Click on CID Settings

4. Make sure Enable CID Reporting is Ticked

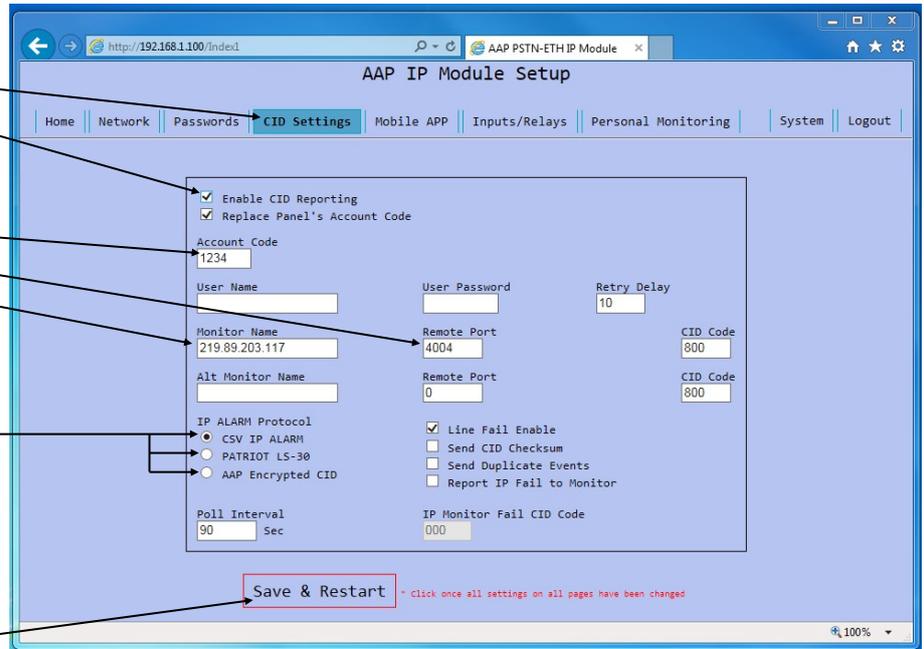**5.** Start filling in all the monitoring station info:
A.
B.
C.

(putting any other info requested)
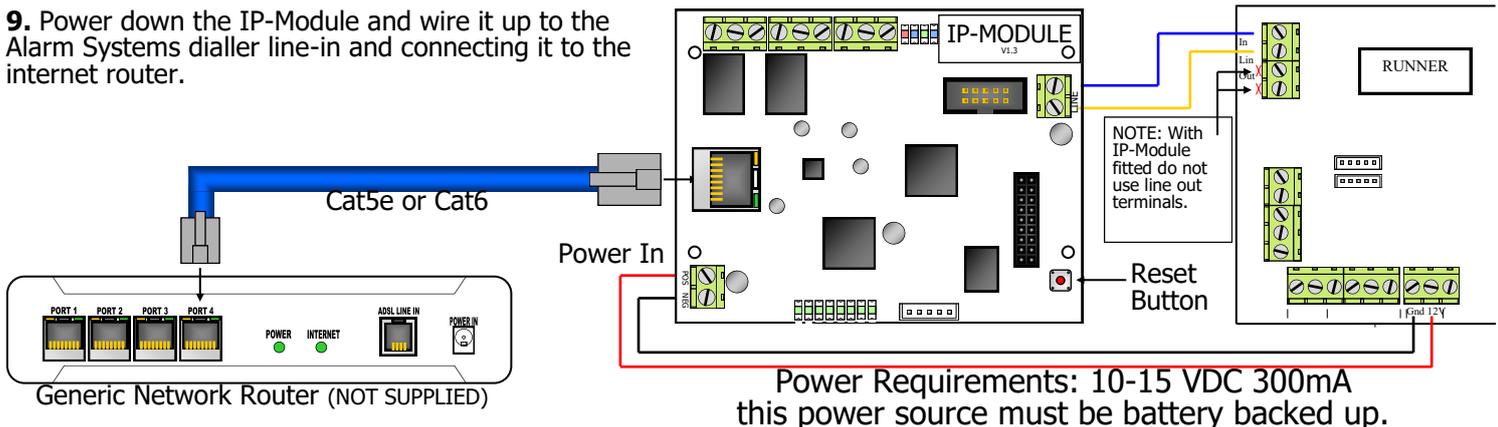
6. Now select the IP Alarm Protocol

7. Once all info is entered press the **TAB** key

8. Then click on **Save & Restart**

AAP IP Module Setup

Home | Network | Passwords | CID Settings | Mobile APP | Inputs/Relays | Personal Monitoring | System | Logout

☑ Enable CID Reporting
☑ Replace Panel's Account Code

Account Code
1234

User Name | User Password | Retry Delay
10

Monitor Name | Remote Port | CID Code
219.89.203.117 | 4004 | 800

Alt Monitor Name | Remote Port | CID Code
| 0 | 800

IP ALARM Protocol
◉ CSV IP ALARM
○ PATRIOT LS-30
○ AAP Encrypted CID

☑ Line Fail Enable
☐ Send CID Checksum
☐ Send Duplicate Events
☐ Report IP Fail to Monitor

Poll Interval
90   Sec

IP Monitor Fail CID Code
000

Save & Restart * Click once all settings on all pages have been changed

Example Only.

9. Power down the IP-Module and wire it up to the Alarm Systems dialler line-in and connecting it to the internet router.

Cat5e or Cat6

Generic Network Router (NOT SUPPLIED)

Power In

IP-MODULE V1.3

NOTE: With IP-Module fitted do not use line out terminals.

RUNNER

Reset Button

Power Requirements: 10-15 VDC 300mA
this power source must be battery backed up.

APP SETUP (For Personal Smartphone Monitoring & Control)

1. Continuing from Network setup
Click on **Mobile APP**

2. Tick both Enable **Mobile APP**
and **Push to APP**

3. *optional.* Under **Application Serial No** a new
Serial number can be entered. Changing this
will cancel old users from accessing to Elite
System and receiving push notifications.

4. Click on **Save & Restart**
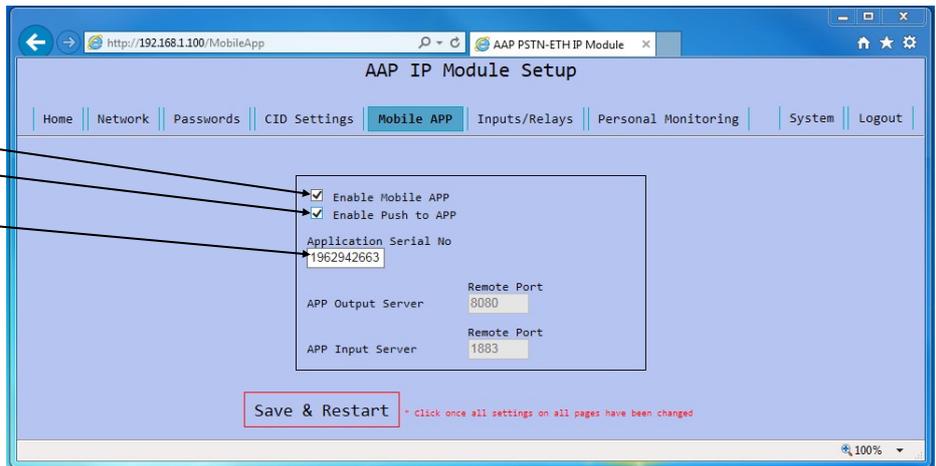
5. When the home page appears Write down the
MAC Addr and **APP Serial** on the RUNNER Details label
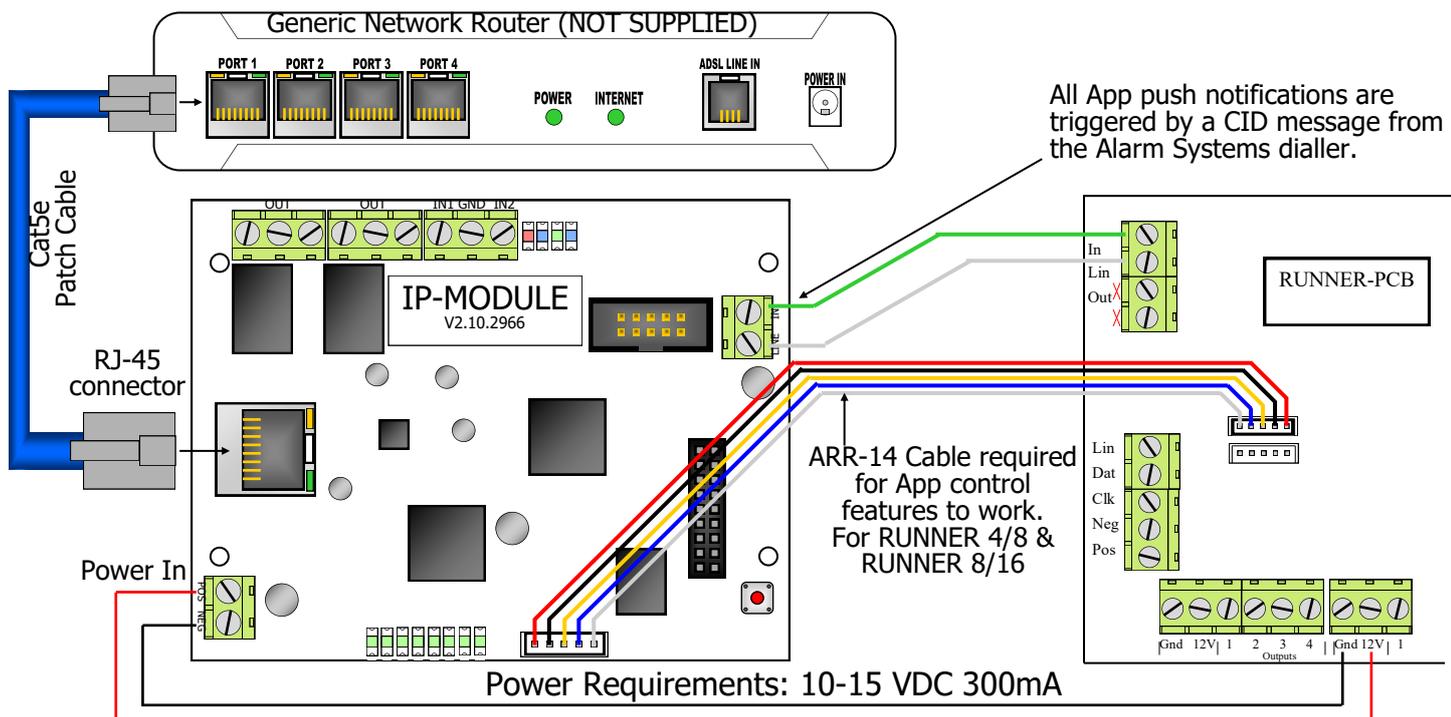*Refresh your web browser if the home page doesn't come up*
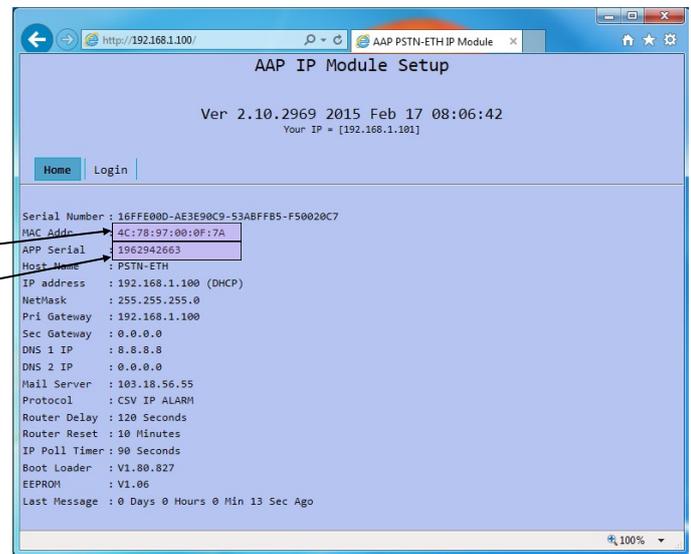
MAC ADDRESS.4C-78-97-00-0F-7A

APP SERIAL NO. 1962942663

6. Stick the Label in the System Operating Guide and hand
it to the end user. They will require these two numbers to
setup the App. Search **Elite Control** in the App store to
download the App.

5. Power down the IP-Module and wire it up to
the Alarm Systems dialler line-in and connecting it
to the internet router.

Note. Any CID set alarm dialler can send App Push
notifications, but only the RUNNER 4/8 and RUNNER
8/16 can use the Apps control features.
(requires ARR-14 Bus connection cable)

Generic Network Router (NOT SUPPLIED)

All App push notifications are
triggered by a CID message from
the Alarm Systems dialler.

ARR-14 Cable required
for App control
features to work.
For RUNNER 4/8 &
RUNNER 8/16

Power Requirements: 10-15 VDC 300mA

ALARM SYSTEM SETUP FOR REPORTING

The Alarm System must also be programmed for reporting
You will need to programmed in:
1. A telephone number (this can be anything from 1-999999999)
2. That telephone number must be set to Contact ID reporting format.
3. The dialler must be enabled.

If you are using an **RUNNER 4/8-8/16** here are the Programming Addresses:
1. **P 181 E 1 E** (put in a phone number 123) **E**
2. **P 182 E 1 E** turn option **1** ON and **E**
3. **P 175 E 1 E** turn option **1** ON only and **E**

ALARM SETUP FOR REMOTE CONTROL (RUNNER 4/8-8/16 ONLY)

The RUNNER 4/8-8/16 has up to 8 outputs that can be controlled via the Elite Control App.
Each output must be setup individually if you wish to control them remotely.
These 3 steps below need to be done in Installer Program Mode of the RUNNER 4/8-8/16.

1. Output Options
The first thing you need to setup is giving permission for that output to be controlled by keypads. This is done at address 34. In Installer mode press **<PROGRAM> <34> <ENTER>** then choose the output **<1-8>** and **<ENTER>**, now turn ON option **<7>** and **<ENTER>**.
i.e. **P 34 E 4 E 7 E**   (output 4 can is now allowed to be controlled).
option to be turned On
output number
address

Note: Outputs 1 & 2 are setup by default to be sirens and would not normally want to be controlled via the virtual terminal.

2. Keypad to Output Control Mapping
The keypad number of the IP-Module (fixed to No.8) must now be assigned to the output/outputs you wish to control. This is done at address 83. In Installer mode press **<PROGRAM> <83> <ENTER>** then select the keypad number **<8>** and **<ENTER>**, now choose the output/s **<1-8>** and **<ENTER>**.
i.e. **P 83 E 8 E 4 E**   (the App can now control output 4).
output umber
keypad number of IP-Module
**address**

3. Output Reset Times
The output reset time will normally already be set, according to the device it controls. Because of the delays involved in IP-Control, if an output has a reset time of less than 2 second you will not see a triggered response in the Virtual Terminal. In Installer Mode press **<PROGRAM> <40> <ENTER>** then the output you wish to change **<1-8>** and **<ENTER>** now put in the new reset time **<0-9999>** and **<ENTER>**.

i.e. **P 40 E 4 E 2 E**   (output 4 reset time is now 2 seconds, recommend for garage door control).
new time in seconds
output number
address

OPERATING AND TROUBLE SHOOTING

LED INDICA-TIONS
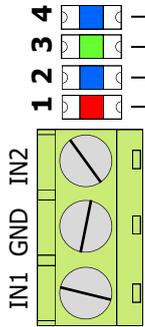
BLUE FAST FLASHING 4 flashes every second	Ready	Network detected
BLUE SLOW FLASHING 1 flash every second	Fault	No Network detected
GREEN STEADY	Dialling Out	The alarm panel connect to the Line-in terminals has Looped the line and is attempting to dial out.
BLUE STEADY	Monitoring Fail	Unable to connect to the Monitoring Station.
RED STEADY	APP Server Fail	The IP-Module has failed to connect to the network router and be assigned an IP address/gateway
RED FLASHING	ULD Operating	Remote Upload/Download software is accessing the Panel through the IP-Module
ALL FLASHING	DEFAULT	There is no programming saved in the module
LED 3 & 4 Alternating	Setup Error	Neither CID or Mobile APP reporting is enabled

Getting Back into Program Mode with DHCP Enabled

Once you have Enabled DHCP and connected the IP-Module to the router a new IP Address will automatically be assigned. This can cause a problem when you try to get back into it's web page to change programming.
Follow these steps to get back into the web page:
1. Power down the IP-Module.
2. Connect the IP-Module directly to your PC/MAC (as shown in diagram 1)
3. Power up the IP-Module.
    You will then be able to use the default IP address (192.168.1.100) to get into the setup web page.

Resetting

Warning, performing a Reset will wipe all programming fields and return the IP-Module back to factory default. This includes returning it's IP address back to (192.168.1.100).
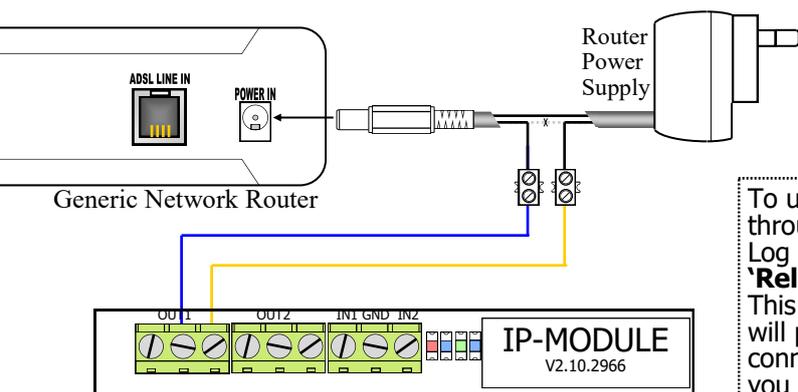
To reset simply press and hold the reset but-   ton   until the LED turns Off. (about 5 second)
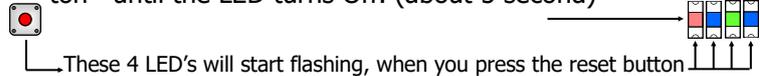
These 4 LED's will start flashing, when you press the reset button

Optional Wiring.

By wiring as shown here the IP-MODULE can reboot the router, should there be a connection problem.

Generic Network Router

Router Power Supply

ADSL LINE IN   POWER IN

OUT1   OUT2   IN1 GND IN2

IP-MODULE
V2.10.2966

Home | Network | Passwords | CID Settings

Router On Delay
120   Sec

Relay Count
0

To utilise the Router Reboot feature, you will need to enable it through the IP-Modules web page.
Log into the IP-Module. Under **'Network'** there is a box labelled **'Relay Count'** (*default* **0** = OFF)
This number equals the number of reboot attempts the IP-Module will perform on the Router before giving up and waiting for the connection to automatically recover. (A couple of attempts is all you would normally need).
'Router On Delay' is the time in which the router should have come back online, before another reboot is attempted.

Note: In the event of a power failure your alarm may not be able to report, due to 3rd Party hardware not being battery backed-up.

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