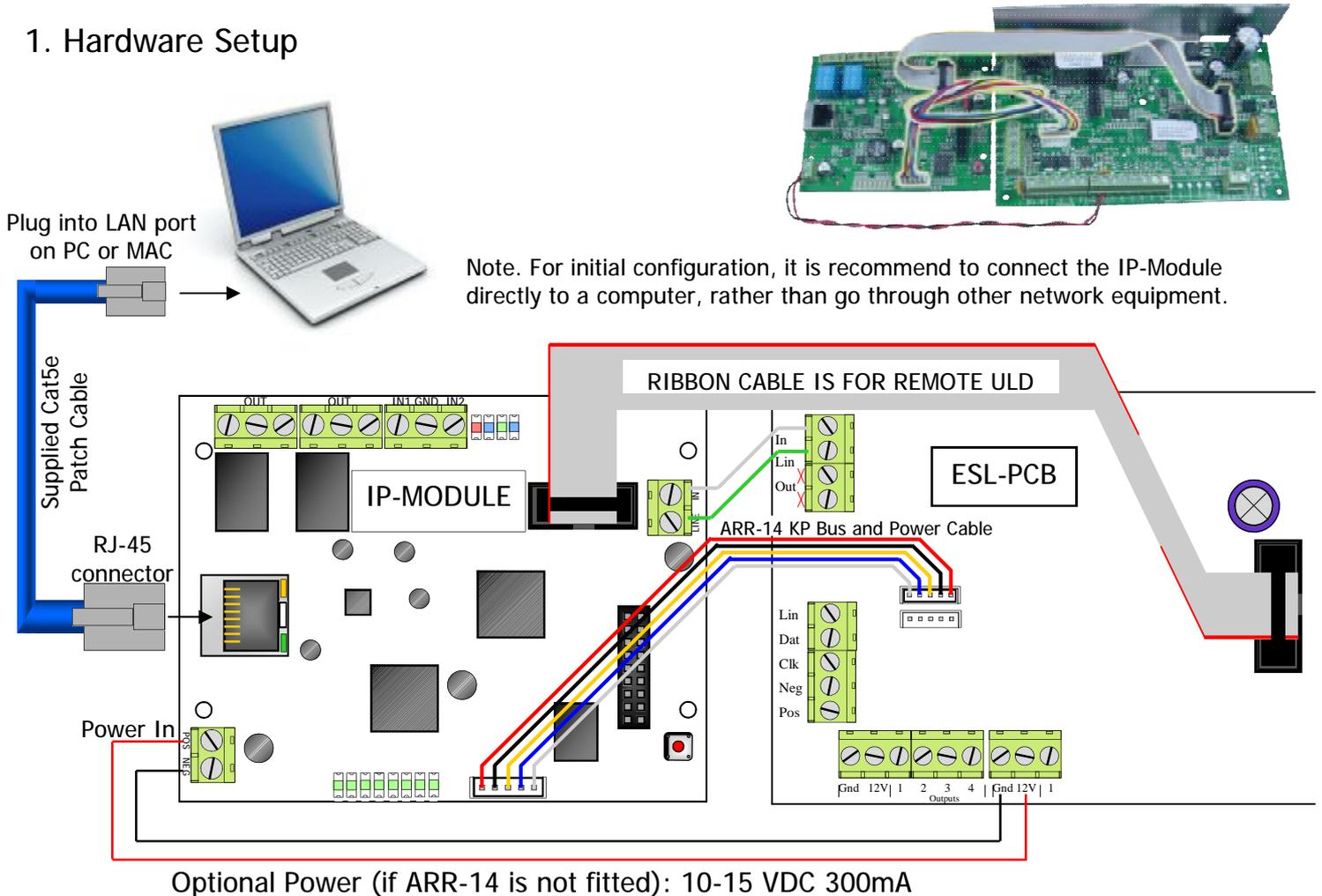# IP-LOOM SETUP

The IP-Loom enables the Elite-S Upload/Download Software package, to program an Elite-S control system over the Internet, through an IP-Module.
Please note, to configure the system to perform this task requires advance IT knowledge and ability.
The AAP support staff will be unable to help in this configuration, as it involves 3rd party hardware.
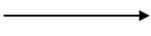
Required items:
1 x ESL, Elite-S or Elite-S-Lite
1 x IP-Module
1 x IP-Loom
1 x PC/MAC with Ethernet Port and web browser
1 x 3rd Party Router (with a spare LAN port)
AAP will not be able to help you configure any 3rd party hardware.

1. Hardware Setup

Plug into LAN port on PC or MAC

Note. For initial configuration, it is recommend to connect the IP-Module directly to a computer, rather than go through other network equipment.

Supplied Cat5e Patch Cable

RJ-45 connector

RIBBON CABLE IS FOR REMOTE ULD

IP-MODULE

In
Lin
Out

ESL-PCB

ARR-14 KP Bus and Power Cable

Lin
Dat
Clk
Neg
Pos

Power In

Gnd 12V| 1   2   3   4 | Gnd 12V| 1
                    Outputs

Optional Power (if ARR-14 is not fitted): 10-15 VDC 300mA

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 button ⬛ until the LED turns Off. (about 5 second) ⟶

⤷ These 4 LED's will start flashing, when you press the reset button

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

3. In your Web Browser type the address of the IP-Module
http://**192.168.1.100** then enter
(192.168.1.100 is the default IP address)
*If your web browser can not find the IP-Module,
a different IP address may have been assigned.
You may need to Reset the unit back to factory default.*

4. When the page opens click on Login

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

6. Setup the IP-Modules Network details, to suit the Router configuration.
-DHCP (it is recommended to Disable/Un-tick this)
-Pri Gateway (Primary Gateway)
-IP Addr (IP Address)
-DNS 1 and DNS 2
-Mask (Subnet Mask)

Note. Router configuration, is an advanced step AAP can not help with.

7. ULD Port
This is a specific port that must be opened and port
forwarded in the Router to the IP-Modules, IP Address.

8. Click Save and Restart

9. Patch the IP-Module into the Router/Network

10. Open ULD16 (Elite S Upload/Download Software)
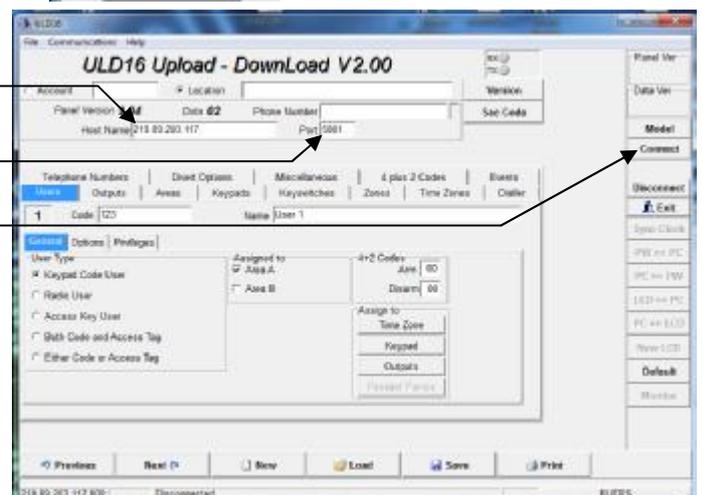Download the software here: www.aap.co.nz/ULD16
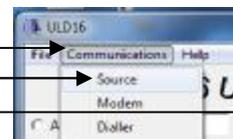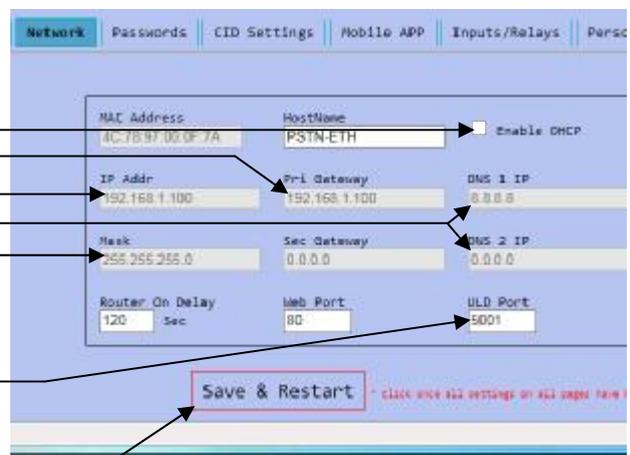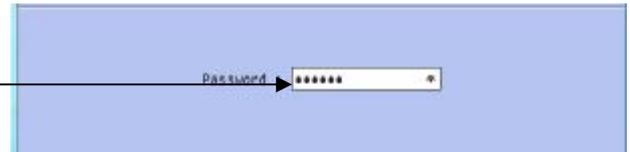
11. Enter User Name: **ELITES** & Password: **ELITES**

12. With ULD16 open, click on **Communications**
Then on **Source**
Then choose **TCP/IP** and Done

13. On a local Network, you can put IP-Module's IP Address here.
Or Remotely put the Public IP Address or DNS name in.

14. Put in the ULD Port number (from step 7.)

15. Connection should now be ready.

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