**USB to serial port – switch management**

* USB-to-Serial converter: Dick Smith Part XH8920
* OS8.1 driver: <http://www.picaxe.com/downloads/wd_pl2303_v3200.exe>
* Software: PuTTy <http://www.chiark.greenend.org.uk/~sgtatham/putty>
* Tutty: Terminal version of Putty

To connect to your USB-to-Serial converter using Putty, first you must identify which port is allocated to your converter. To do this in Windows 7, Go to Start -> Right Click Computer -> Manage . Then Computer Management (Local) -> Device Manager -> Ports (COM & LPT) -> USB-to-Serial Com Port (COM3) . You should see your device listing similar to the image on the left.

[](http://selfmod.net/wp-content/uploads/2009/10/Putty.jpg)

Take note of the Com Port that your connector is using. You will need this information to configure your Putty. To connect using Putty to your device using the serial interface, firstly startup the Putty program. Enter the correct port at the “Serial line” input box and speed (115200)

**AT gear usernames/Passwords:**

* Default:
  + manager/friend
  + secoff/secoff
* SNUP
  + Manager/SNUP3
  + Admin/SNUP3SNUP3
* Loop
  + Manager/Loop password (no capital)
  + Secoff/Loop password

**AT8000**

* To reset AT 800s to factory settings
  1. Part A: Find IP number
     + Console logon,.
     + Show Startup-config
     + Loop switches:
       - Find IP of Vland 5
       - If no gateway then IP default-gateway 10.1.0.3
       - Can use port 4 of InfPOP MikroTik switchto route to Loop switch G1addresses.
  2. Part B: Reset switch to factory defaults
     + Log on web interface
     + Click Utilities > System Utilities.
  3. Part C: Using console change IP to something known.
     + With command line configure/Interface vlan1/ IP address DHCP / exit.
     + Then log on to the new IP using the web interface and save the configuration

Links: <http://alliedtelesis.com/p-1887.html>      <http://alliedtelesis.com/userfiles/file/8000SIGc.pdf>

**X900**

* To reset AT X900s to factory settings
  1. Part A: Find IP number
     + Using Tutty (Putty/TTerm will not work) connect serial connection to Async RJ45 port on front of X900
     + Show Running-config
     + Find IP of Vlan 5 (Management Vlan) – note the restriction only from set IP’s)
  2. Part B: Reset switch to factory defaults

awplus#erase startup-config

* 1. Part C: Set management interface (Eth0) to desired IP number.
     + Plug port 3 of InfoPOP MikroTik switch to router RJ45 Eth0 management socket

awplus(config-if)#ip address 172.28.8.210/16

Links: http<http://www.alliedtelesis.com/media/datasheets/reference/alliedware_plus_ref_b_v531.pdf>