

## Ethernet module COMETH for using with APR

### Setup of APR :

Choose communication speed (Switch on CONFIG position)

Choose 115200 baud . For more details see APR user's guide.

### Setup of COMETH module

- Put the setup switch of the COMETH module on ADMIN ON position
- Connect the module on the serial port of a PC
- Launch Hyperterminal Software using 2400, 8bits, 2 stop, no parity
- Power the COMETH module
- Type `login root` (Enter), the module display `Password : type root` (Enter).



### Setup of serial link

- Set serial baudrate 115200 (Enter)
- Set serial format 8 n 1 (Enter)
- Set serial xonxoff ignore (Enter)
- set serial dsr ignore (Enter)
- set serial cts ignore (Enter)
- set serial dcd ignore (Enter)
- set serial mode raw (Enter)
- set serial dtr high (Enter)
- set serial rts high (Enter)

### **Setup of Ethernet link :**

- Set serial port 2300 (Enter)
- Set net keepalive 1 1 1 (Enter)
- Set net reconnect off (Enter)
- Set net gateway 192 168 0 1 (Enter) (For example)

### **Manual setup (NO DHCP) :**

- Set net dhcp off (Enter)
- Set net ip xxx.xxx.xxx.xxx (Enter)
- Set net mask 255 255 255 000 (Enter) (for example)

### **Automatic setup (DHCP) :**

- Set net dhcp on (Enter)
- Set net dhcp hname name (Enter) name=apr152 for example
- Set net dhcp clientid name (Enter) name=apr152 for example

### **At the end of the setup**

Type *save* (Enter) and then *reset* (Enter)

Put the switch on ADMIN OFF

The Module is now ready to be used. If DHCP has been chosen, it will take a fewseconds to be logged. The Diag led will flash and then siwtch off when the module is logged.

### **Testing the link :**

'Ping' the module : Ping apr152.mshome.net

or Ping xxx.xxx.xxx.xxx

Start APRWIN Software and initiate a manual connection using the ip or the host name.

