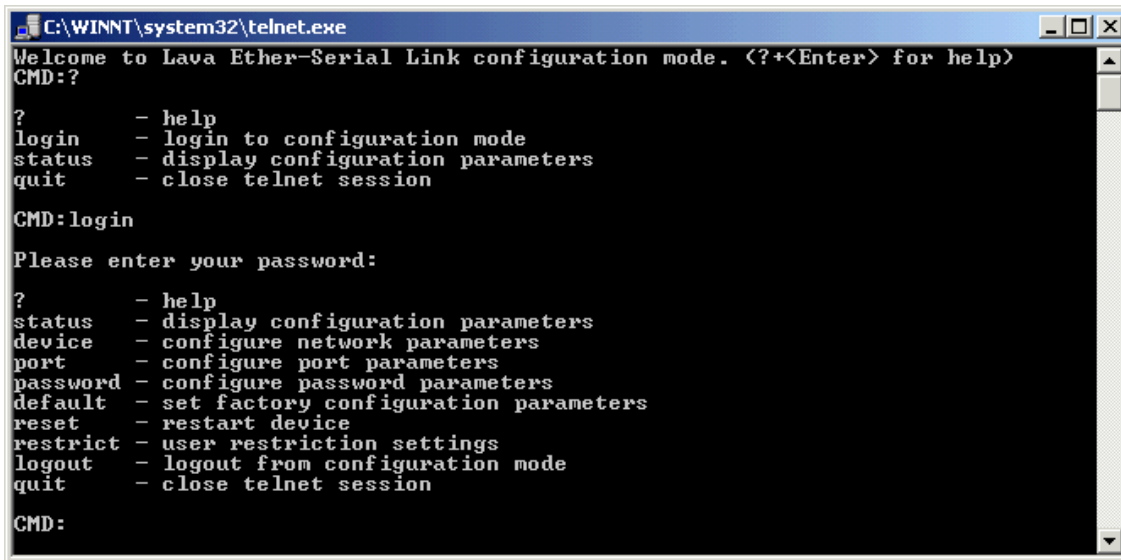


# Configuring the Ether-Serial Link using Telnet

## 1. Open a Telnet session with local echo on and carriage return/line feed on.

### *Windows example*

1. Go to Start|Run, type "telnet", and click on "OK".
2. A Telnet console opens. At the Telnet prompt, set local echo on by typing "set local\_echo" and pressing <Enter>. Set carriage return and line feed on by typing "set crlf" and pressing <Enter>. NOTE: These commands may differ slightly depending on the Telnet client you are using.
3. Open a Telnet session to the Ether-Serial Link. At the Telnet prompt, type ""open [IP address]" and press <Enter>, where [IP address] is the address of the Ether-Serial Link with which you wish to communicate. The Telnet configuration screen will open.
4. In the Telnet console, you can configure device, port, and password settings, restore factory defaults, restart the device, or query the device to display its current status.



```
C:\WINNT\system32\telnet.exe
Welcome to Lava Ether-Serial Link configuration mode. (?+<Enter> for help)
CMD:?
?      - help
login  - login to configuration mode
status - display configuration parameters
quit   - close telnet session

CMD:login
Please enter your password:
?      - help
status - display configuration parameters
device - configure network parameters
port    - configure port parameters
password - configure password parameters
default - set factory configuration parameters
reset   - restart device
restrict - user restriction settings
logout  - logout from configuration mode
quit    - close telnet session

CMD:
```

## 2. Configure the Ether-Serial Link.

The following network and port settings for the Ether-Serial Link can be configured in a Telnet session:

### ***Device settings (for the Ether-Serial Link device):***

- IP address
- Net mask
- Gateway
- NetBios name (Device Name)
- DHCP mode

### ***Port settings (for each Ether-Serial Link port individually):***

- Port mode (see ADVANCED readme file for description of the various port modes)
- TCP port number
- Port mode settings (see ADVANCED readme file for details on port mode settings)
- Port access
- Port reset
- Port status

After changing device settings, the Ether-Serial Link will be reset. Changes to port settings are implemented without resetting the Ether-Serial Link.