



# *Broadband Pakistan*

## **ADSL Installation Guide**

**Zyxel**

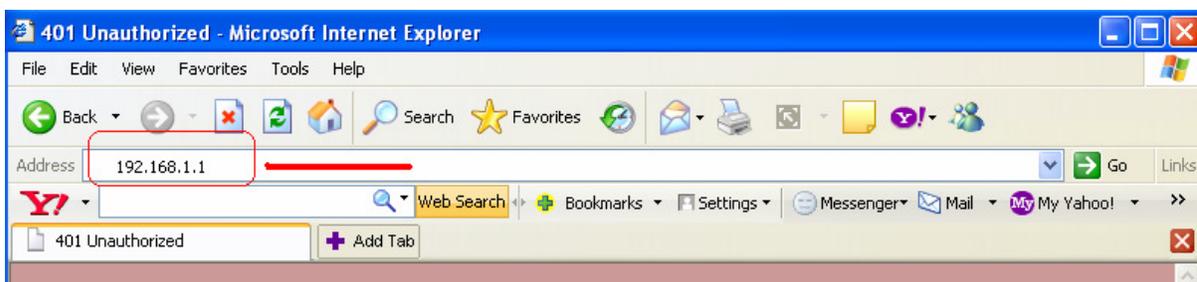
PTCL introduces DSL service for our valued subscribers. We are committed to provide you quality internet services. Please follow the installation instructions and log on to your ADSL broadband link.

### **Step 1: Connecting to the Splitter, Power Connection & LAN cable.**

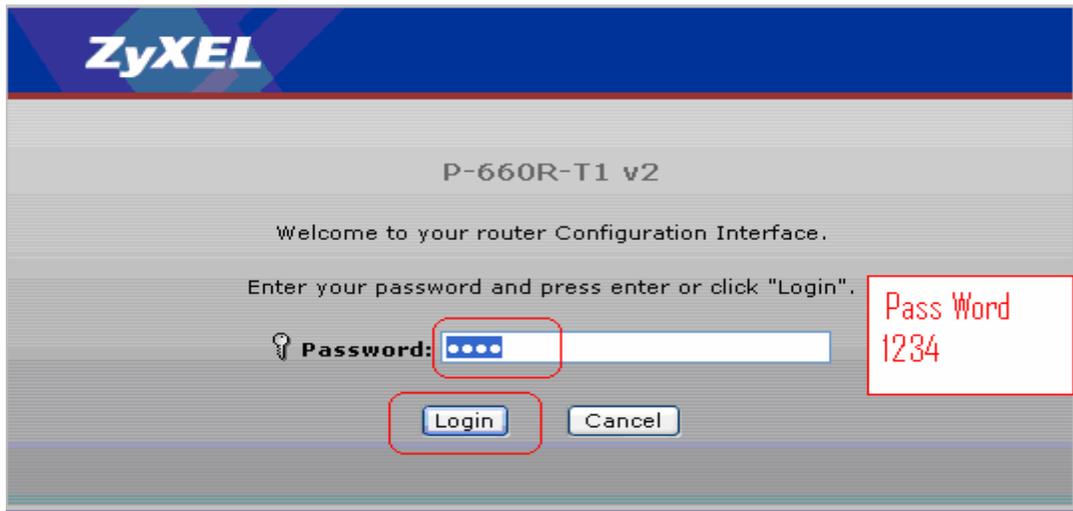
- 1 Line hole connects to PTCL wire or Wall phone Jack (RJ-11 Jack).
- 2 Modem hole connects to the DSL jack of the ADSL CPE (Customer Premises Equipment).
- 3 Phone hole connects to a telephone set.
- 4 Connect the Power Adapter to the AC power plug and attach the connector of adapter to the CPE and switch it on.
- 5 Attach one end of LAN wire (RJ-45) to the LAN interface of CPE and the other end to the LAN wire to the LAN interface of computer's LAN card.
- 6 Link Indicator lights will lit up and show the connectivity. ADSL light will start blinking and soon will be static as a sign of connectivity with our system, if the line is properly jumpered in PTCL premises with the DSLAM (Digital Subscriber Line Access Multiplexer). Joint less and direct cable line from the nearest PTCL pole or cabinet must be connecting to your splitter and then all the phone extensions must be taken from the phone hole of splitter. The Drop wire distance from PTCL pole or Cabinet must not be ideally more than 50 meters.(Twisted pair wire can be longer)

### **Step 2: ADSL Configuration in CPE and Computer**

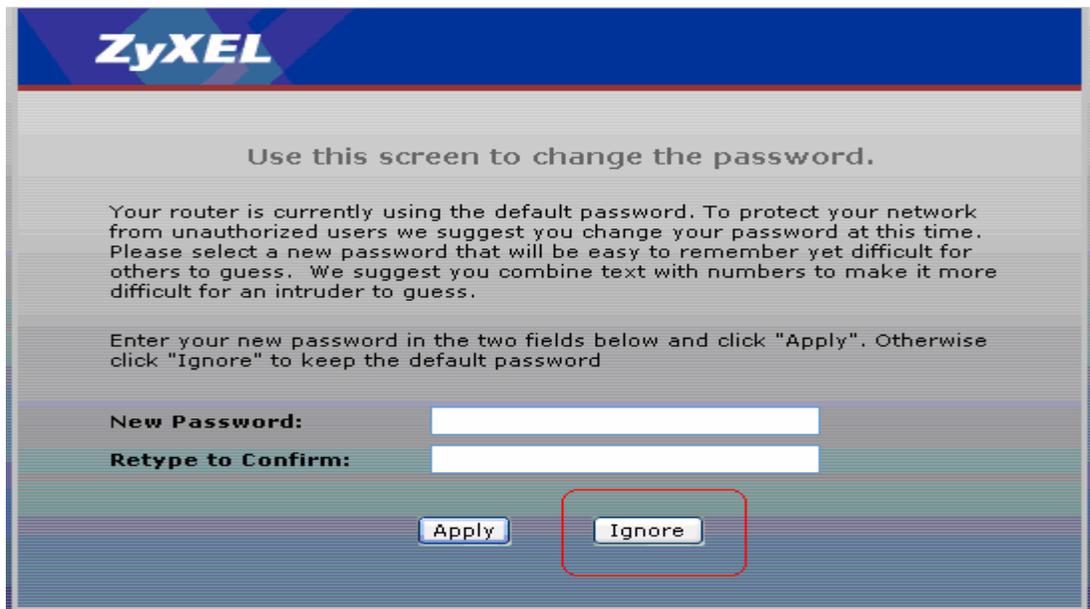
1. DHCP is enabled by default; there is no need for IP settings in LAN connection. Open Internet Explorer and write “**192.168.1.1**” in address bar and press enter. There must not be any proxy setting in the internet Explorer.



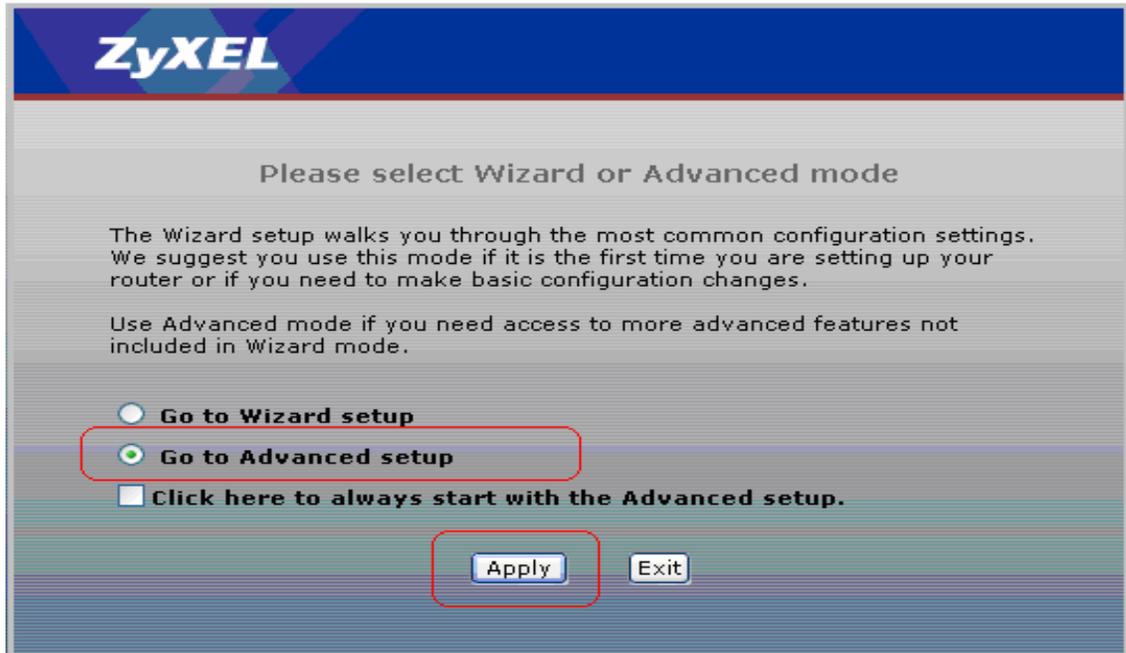
2. Following Screen will appear. Enter the Pass word 1234 and press Login.



3. Next screen is for changing the pass word of DSL Router. Ignore this for retaining default Password by pressing ignore.



4. Next Screen is for wizard setup. Select **“Go to Advanced setup”** and press Apply



5. Following Screen will appear. Select **“Network”** on the left.



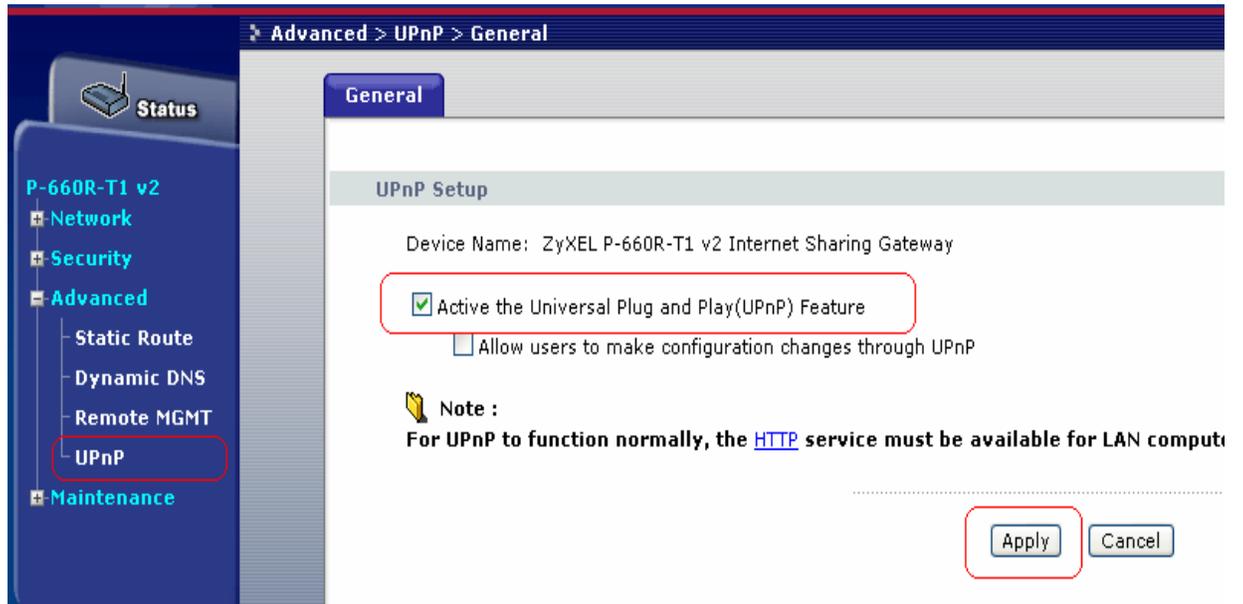
6. Select “WAN” and “Internet Connection” Tab. After filling the parameters given in the windows, Press Apply.

The screenshot shows the 'Internet Connection' configuration page. The left sidebar has 'WAN' selected under 'Network'. The main content area is titled 'Internet Connection' and has three tabs: 'Internet Connection', 'More Connections', and 'WAN Backup Setup'. The 'General' section contains the following fields: Name (MyISP), Mode (Routing), Encapsulation (PPPoE), User Name (0515504350), Password (masked with dots), Service Name, Multiplexing (LLC), Virtual Circuit ID (VPI: 0, VCI: 103). A red box highlights the VPI and VCI fields with the text 'For ONU VPI=8 VCI=81'. The 'IP Address' section has 'Obtain an IP Address Automatically' selected. The 'Connection' section has 'Connect on Demand' selected and 'Max Idle Timeout' set to 0. At the bottom, the 'Apply' button is circled in red.

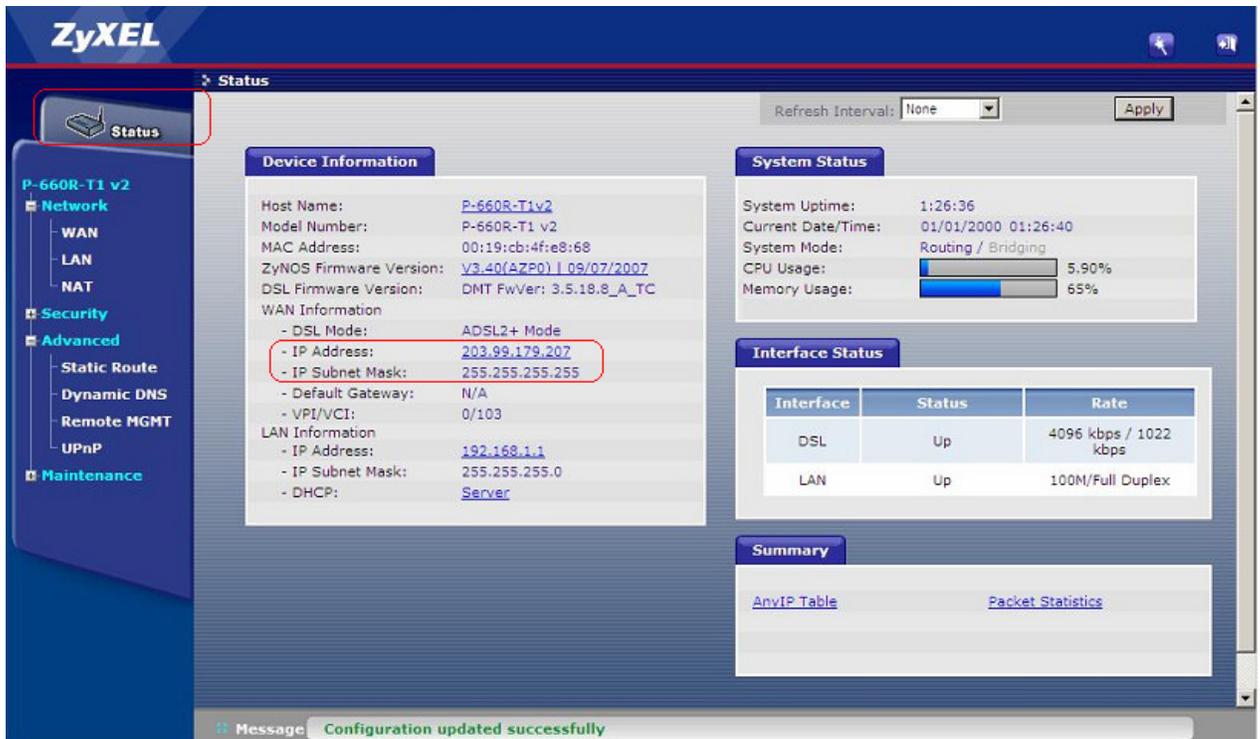
7. Select “Advanced/ Dynamic DNS” and check “Active Dynamic DNS”, Press Apply.

The screenshot shows the 'Dynamic DNS' configuration page. The left sidebar has 'Dynamic DNS' selected under 'Advanced'. The main content area is titled 'Dynamic DNS' and has a 'Dynamic DNS Setup' section. The 'Active Dynamic DNS' checkbox is checked and circled in red. The 'Service Provider' is set to 'WWW.DynDNS.ORG' and 'Dynamic DNS Type' is set to 'Dynamic DNS'. There are input fields for Host Name, User Name, and Password. Below these are two unchecked checkboxes: 'Enable Wildcard Option' and 'Enable off line option (Only applies to custom DNS)'. The 'IP Address Update Policy' section has 'Use WAN IP Address' selected. At the bottom, the 'Apply' button is circled in red.

8. Select “UPnP” and check “Active the Universal Plug and Play(UPnP) Feature”, Press Apply



9. Check the assignment of IP Address under WAN Information.



Your installation is completed. Browse any web site to check the successful installation.