



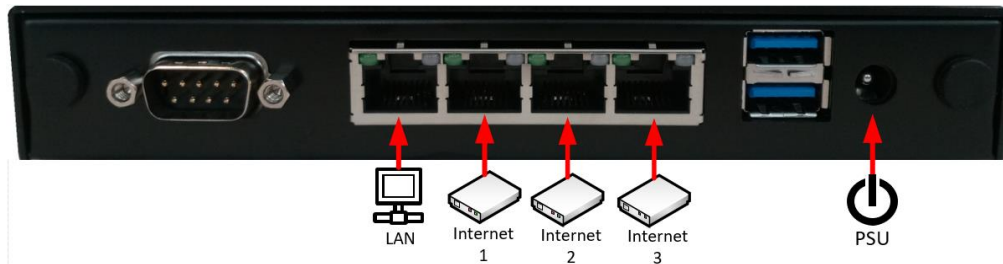
Sharedband Power Router 2+

Quick Install Guide



Sharedband Router Setup Steps

- 1) Remove the Sharedband router from its packaging and place the router in a suitable location
- 2) Use the included Ethernet cables to connect the router's 'Internet' ports to the modems/routers provided by your ISP. Please note that the number of the Internet interface that the Modem/Router is connected to will correspond to the Ethernet WAN connection interface number displayed within the GUI of the router



- 3) Use an included Ethernet cable to connect the router's 'LAN' port to your Local Area Network or firewall. If you are teaming a Power Router 2+ with another, please do so using an **unmanaged** switch
- 4) Use the included power adapter to connect router's 'PSU' socket to a mains power outlet

Verify Successful Setup

5) Each router is identified using a node identifier. This is a unique single digit number clearly marked on the underside of the router. Using a computer connected to the unmanaged switch, open a web browser and visit <http://192.168.3.1> to connect to router/node 1

6) When prompted for sign in credentials, please input the following:

Username: **admin** Password: **Bonding123** *(we recommend that you change this password)*

7) In the menu positioned at the left of the displayed web page, select 'Status' followed by 'Click for WAN Interface Status'. The status of each Ethernet WAN connection can be confirmed using the following information:

Sharedband WAN Interface Status					
Interface	Enabled	Link	IP Address	Gateway IP	Sharedband Connected
Eth 1	Yes	Down			
Eth 2	No	Down			
Eth 3	No	Down			

- **Link** – An interface link showing successfully as 'Up' indicates that a physical connection to a powered-on ISP router/modem exists
- **Sharedband Connected** – A 'Yes' status indicates that the interface is communicating successfully with the Sharedband aggregation service

Troubleshooting 'WAN Interface Status'

If the WAN-side routers (provided by your ISP) you are connecting to the Sharedband routers don't operate DHCP, you will need to set a static IP on each Ethernet interface to enable communication. The following guidance explains how to achieve this:

- a) Open a web browser and visit the IP address of the router (default is 192.168.3.1)
- b) Sign in to the router when prompted
- c) In the menu select 'Settings'
- d) Select the desired 'WAN connection setup (Ethernet)' interface that you wish to reconfigure

e) In the 'IP Addressing Mode' drop down, select 'Static IP' as per the screenshot below:

The screenshot displays the configuration page for a Sharedband Power Router 2+. It is divided into three main sections: Interface State, IP Addressing, and Connection Mode. In the Interface State section, 'Interface Enabled' is set to 'Yes'. The IP Addressing section is the focus, with 'IP Addressing Mode' set to 'Static IP'. Below this, the IP Address is set to 0.0.0.0, Subnet Mask to 255.255.255.0, Default Gateway to 0.0.0.0, and DNS Server to 8.8.8.8. The PPP Username field contains 'username' and the PPP Password field is masked with dots. The Connection Mode section shows 'WAN MTU' set to 1492 and 'Failover mode?' set to 'No'. At the bottom, there are two buttons: 'Save' and 'Save and reboot'.

f) Input the appropriate IP address into the 'IP Address' field. An appropriate address is one that is unique, in the same subnet as your WAN-side router and not in the 192.168.3.X subnet. For example, if the WAN-side router's IP address is 192.168.1.1 an appropriate IP address to input for the Sharedband router would be 192.168.1.X (where X is any number between 2 and 254). If you need assistance in determining the WAN-side router's IP address, please refer to any supplied documentation or contact its supplier or manufacturer

g) Ensure that the 'Subnet Mask' is set to 255.255.255.0

h) Input the IP address of the WAN-side router into the 'Default Gateway' field

i) Input the IP address of the WAN-side router or an alternative destination of your choice into the 'DNS Server' field

j) Click the 'Save and reboot' button at the bottom of the page

k) Once the Sharedband router has restarted, repeat steps a) to j) for any other WAN interfaces you wish to reconfigure

More Information

Both our helpful knowledgebase and support ticketing system are accessible online at: <http://support.sharedband.com>