

Quick Start Guide Update

YOYORouter™

High Performance Combo Router BE5



Setting up YOYORouter BE5 in Ethernet WAN Mode with Failover

Configure YOYORouter BE5 in Ethernet WAN mode and test the connection.

To add failover to 3G Wireless WAN, ensure that your SIM Card is inserted and the Ethernet WAN is connected then follow these steps:

1. Log in.
2. Select **Advanced** then **Network Setup**.
3. Make sure that **Connection Control** is set to **Auto Reconnect (always-on)**.
4. Against Combo **WAN Status**, click the **Setting** button.
5. Set **Combo WAN Mode** to **Failover**.
6. Enter an IP address in **Remote Host for Keep Alive** that YOYORouter can ping to check the connectivity. This can be numeric, e.g. 8.8.8.8 or text, e.g. www.google.com.
7. Your Ethernet WAN connection is shown as **primary WAN**. To add the 3G WAN as failover, click the **Add** button against **Secondary WAN** and select **3G** in the drop-down box.

Combo WAN Setting	
Item	Setting
Combo WAN Mode	Failover
Remote Host for Keep Alive	8.8.8.8
WAN Connection Lists	
Primary WAN	Dynamic IP Address
Secondary WAN	3G
<input type="button" value="Save"/> <input type="button" value="Undo"/> <input type="button" value="Back"/>	

Dial-Up Profile	<input checked="" type="radio"/> Auto-Detection <input type="radio"/> Manual
PIN Code	<input type="text"/> (optional)
<input type="button" value="Save"/> <input type="button" value="Undo"/> <input type="button" value="Back"/>	

8. Click the **Save** button.
9. The Dial-Up Profile (connection settings) for 3G mobile broadband are now displayed.
 - Select **Auto-Detection** for automatic configuration based on your SIM card (recommended).
 - Select **Manual** if you need to select alternative or enter special settings. Select your country and the network operator, or **Others** to enter your own settings.
 - If your SIM requires a PIN code, enter it now.
10. Click the **Save** button then click **OK** to reboot YOYORouter.

Checking Failover to 3G

1. Check that YOYORouter is normally connected to the Ethernet WAN connection
 - **System Status** shows Ethernet WAN connection details.
 - **Failover Status** shows zeroed IP addresses and blank **Connection Time**
 - **Wireless Modem Link Status** indicates **Disconnected**.

	Normal (Ethernet)	Failover (3G)
System Status		
Item	WAN Status	WAN Status
Remaining Lease Time	71:58:37	-
IP Address	192.168.0.16	0.0.0.0
Subnet Mask	255.255.255.0	0.0.0.0
Gateway	192.168.0.1	0.0.0.0
Domain Name Server	192.168.0.1, 0.0.0.0	0.0.0.0, 0.0.0.0
Failover status		
Item	Status	Status
IP Address	0.0.0.0	10.167.172.131
Subnet Mask	0.0.0.0	255.255.255.255
Gateway	0.0.0.0	10.64.64.64
Domain Name Server	0.0.0.0, 0.0.0.0	109.249.185.224, 109.249.188.32
Connection Time	-	00:00:16
Wireless Modem Information		
Item	Status	Status
Card Info	HSPA USB MODEM	HSPA USB MODEM
Link Status	Disconnected.	Connected.

2. Unplug the Ethernet cable from the WAN port and check that Failover occurs:
 - **System Status** shows blank Remaining Lease Time and zeroed IP addresses
 - **Failover Status** shows 3G connection information (IP numbers) and **Connection Time**.
 - **Wireless Modem Link Status** indicates **Connected**.
3. Re-connect the Ethernet WAN and check that service reverts to the Ethernet WAN connection.