

The transparent mode on DSR is similar to route mode, the points of difference is that the transparent mode will switch broadcast and multicast packets.

[Topology]

PC1(2.2.2.2/24)---(Lan:2.2.2.1/24)DSR(Wan1:1.1.1.1/24)---PC2(1.1.1.2/24)

## 1. SETUP/Internet Settings/WAN1 Setup

Configure the IP address on WAN1

DSR-1000N	SETUP	ADVANCED	TOOLS	STATUS	HELP
Wizard	<b>WAN1 SETUP</b> <a href="#">LOGOUT</a>				<b>Helpful Hints...</b> The setup page lets you configure the ISP settings to enable this router to connect to the Internet. This router supports multiple connections. Please select the appropriate connection to connect to the Internet. <a href="#">More...</a>
Internet Settings	This page allows you to set up your Internet connection. Ensure that you have the Internet connection information such as the IP Addresses, Account Information etc. This information is usually provided by your ISP or network administrator. <input type="button" value="Save Settings"/> <input type="button" value="Don't Save Settings"/>				
Wireless Settings	<b>ISP Connection Type</b>				
Network Settings	<b>ISP Connection Type:</b> <input type="text" value="Static IP"/>				
DMZ Setup	<b>IP Address:</b> <input type="text" value="1.1.1.1"/>				
VPN Settings	<b>IP Subnet Mask:</b> <input type="text" value="255.255.255.0"/>				
USB Settings	<b>Gateway IP Address:</b> <input type="text" value="1.1.1.254"/>				
VLAN Settings	<b>Domain Name System (DNS) Servers</b>				
	<b>Primary DNS Server:</b> <input type="text" value="6.6.6.6"/>				
	<b>Secondary DNS Server:</b> <input type="text" value="7.7.7.7"/>				
	<b>MAC Address</b>				
	<b>MAC Address Source:</b> <input type="text" value="Use Default Address"/>				
	<b>MAC Address:</b> <input type="text" value="00:00:00:00:00:00"/>				

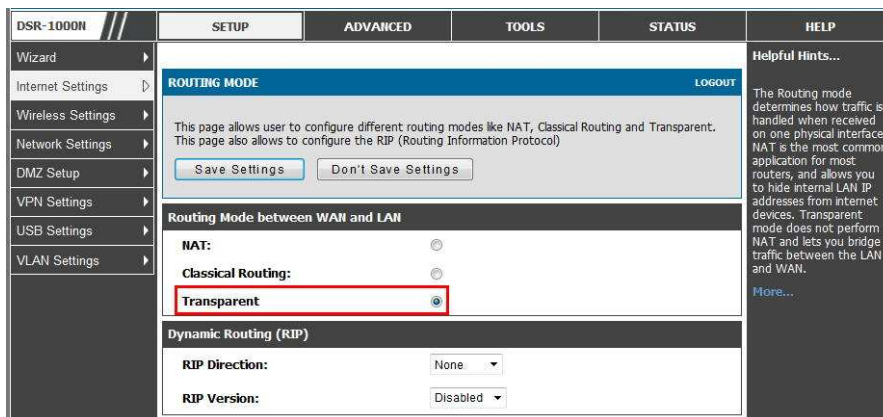
## 2. SETUP/Network Settings/LAN Setup Configuration

Configure the IP address on LAN

DSR-1000N	SETUP	ADVANCED	TOOLS	STATUS	HELP
Wizard	<b>LAN SETUP</b> <a href="#">LOGOUT</a>				<b>Helpful Hints...</b> Changes here affect all devices connected to the router's LAN switch and also wireless LAN clients. Note that a change to the LAN IP address will require all LAN hosts to be in the same subnet and use the new address to access the GUI. <a href="#">More...</a>
Internet Settings	The LAN Configuration page allows you to configure the LAN interface of the router including the DHCP Server which runs on it. <input type="button" value="Save Settings"/> <input type="button" value="Don't Save Settings"/>				
Wireless Settings	<b>LAN TCP/IP Setup</b>				
Network Settings	<b>IP Address:</b> <input type="text" value="2.2.2.1"/>				
DMZ Setup	<b>Subnet Mask:</b> <input type="text" value="255.255.255.0"/>				
VPN Settings	<b>DHCP</b>				
USB Settings	<b>DHCP Mode:</b> <input type="text" value="None"/>				
VLAN Settings	<b>Starting IP Address:</b> <input type="text" value="192.168.10.100"/>				
	<b>Ending IP Address:</b> <input type="text" value="192.168.10.254"/>				

### 3. SETUP/Internet Settings/Routing Mode

Enable the transparent mode



### 4. Configure the Network parameter on PC1 and PC2

PC1

IP Address:2.2.2.2

Subnet Mask:255.255.255.0

Default Gateway:2.2.2.1

PC2

IP Address:1.1.1.2

Subnet Mask:255.255.255.0

Default Gateway:1.1.1.1

### 5. PC1 and PC2 can send traffic to each other.