**MODEL CODE**
BR-6524

**TYPE**
Broadband Router with
2 x 10/100Mbps WAN Ports and
4 x 10/100Mbps Switching LAN Ports

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**MULTI-HOMING**
The multi-homing function allows connection of up to two WAN lines from different ISPs. The router lets each user on the internal LAN access all of the WAN ports simultaneously without changing any of the PC's configuration.

**WAN LOAD BALANCE AND FAILOVER**
The WAN Load balance mode dynamically directs each of the LAN clients to a suitable WAN connection according to the maximum bandwidth and current loading of the WAN lines. The router will continuously monitor the connectivity of the WAN lines. When one WAN line breaks down, the router will redirect the network traffic to other functioning WAN line.
The Failover mode allows the configuration of a WAN line as a back up to the other. This backup WAN line is not active until all other WAN lines fail, once activated the router will redirect all traffic to the backup WAN line until the original WAN connection is restored.

**IP SHARING**
The NAT/PAT function can share WAN lines to all the intranet users. Trigger ports for special applications can be setup on the router for smooth internet services access. The VPN pass through function supports IPSec and PPTP VPNs.

**SUPPORTS ALL ISP CONNECTING METHODS**
Supports PPPoE, Static IP, Dynamic IP (DHCP client) and PPTP connecting methods.

**FIREWALL**
The SPI (Stateful Packet Inspection) firewall can protect Intranet PCs from illegal access and DoS attacks from the Internet. Detection of a hack notification can be setup and emailed to the administrator for action. The router can also limit PC access to the Internet.

**QoS BANDWIDTH MANAGEMENT**
The QoS function allows allocated users and services to have a higher priority to the WAN bandwidth when congested. This is configured via IP or MAC address.

**VIRTUAL SERVER AND DMZ**
The virtual server and DMZ function allows the server to be setup in the Intranet and still provide services to the Internet user by a public IP address.

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**DHCP SERVER**
The DHCP server distributes IP addresses to all intranet PCs automatically. IP and MAC address mapping table can be viewed in configuration software.

**WEB REMOTE MANAGEMENT**
The web interface allows the router to be configured by a browser without any pre-installed software. Trusted IP addresses can be assigned to allow the administrator access via the Internet.

**FIRMWARE UPGRADEABLE**
The latest firmware can be uploaded into the router via the web management software.

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**FEATURES**
- Supports Special Applications (Port Triggers)
- VPN Pass Through (IPSec/PPTP)
- Obtain WAN IP by PPPoE/Static IP/PPTP/DHCP
- DNS (DynDNS, TZO)
- System Status (Port Connectivity, DHCP MAC/IP Mapping)
- Security Log
- Warranty 1 Year

**SPECIFICATIONS**
- CPU : ARM 7 RISC Processor
- Flash : 1 Mb (Operating system and Application Core)
- Throughput : 20Mbps
- WAN Ports : Two 10/100BaseT Fast Ethernet
- LAN Port : Four 10/100BaseT Fast Ethernet
- Power : 12VDC / 0.5A Linear Power Adapter
- Dimensions : 30(H) x 187(W) x 100(D) mm
- Weight : 270g
- Temperature : 10-40 °C
- Humidity : 10-90 % (Noncondensing)
- Certification : FCC Class B, CE Mark, C-Tick