



BR-6228nS

## 150Mbps Wireless 802.11b/g/n Broadband Router



### Wireless Green Technology

Edimax BR-6228nS implemented the latest wireless green technology which could save energy by detecting the usage of wireless transference. It could supply the right amount of power to reach each connected wireless device when they are performing data transmission and save up to 74% of the power consumption. When in full loading, BR-6228nS could also save 50% power consumption than non-green solution routers.

### Impressive Data Transmission Rate via IEEE802.11n

Edimax BR-6228nS is a high speed solution that complies with wireless IEEE 802.11b/g, and is compatible with IEEE 802.11n standard. When fine-tuned to operate using the wireless 802.11n technology, BR-6228nS wireless data transmission rate can reach up to 150Mbps – a coverage 3 times better than a standard 802.11g/b router. BR-6228nS is truly a high performance and cost-effective solution for your home and small business environments.

### Extensive Internet Connection Sharing

With the built in NAT (Network Address Translation) function, the Edimax BR-6228nS allows up to 253 wired or wireless clients to simultaneously share an Internet connection.

### Flexible WISP ( Wireless Internet Service Provider) Connection Mode

Wireless connection from your broadband router to an ISP's Access Point is also possible. When the BR-6228nS is assigned to perform such task, it repeats the signal from a wireless Internet Service Provider to your home or office, simultaneously allowing connection of both wired and wireless stations to the Internet.

### Easy & Multilingual Setup Installation CD\*

A unique multilingual Setup Wizard is provided in the installation CD. By simply following the animated installation procedures, connection of your router to the Internet is done within minutes!

### WPS (Wi-Fi Protected Setup) Button

Edimax BR-6228nS supports you to build the connection between wireless network client and the router by simply pressing the WPS button on the wireless client and the router. No need to set up and configure the security on a wireless network.

\* The EZMax Setup CD Wizard only supports Edimax wireless routers.

## FEATURES & TECHNICAL SPECIFICATIONS

FUNCTIONS	HARDWARE INTERFACE	MANAGEMENT
<ul style="list-style-type: none"> <li>Supports AP, AP Client, Bridge, Bridge+ WDS and Universal Repeater modes</li> <li>Port Triggering for special applications</li> <li>DDNS and SIP</li> <li>Virtual Server and DMZ hosting</li> <li>MAC/IP filter and URL blocking</li> <li>Static routing</li> <li>UPnP architecture</li> <li>VPN Pass-Through (IPSec/PPTP)</li> <li>Schedule control</li> </ul>	<ul style="list-style-type: none"> <li>One RJ-45 WAN port</li> <li>Four RJ-45 Fast Ethernet LAN ports</li> <li>LED Indicators: Power, Wireless, WAN, LNK/ACT for LAN</li> <li>Fixed 3dBi antenna x1</li> <li>WPS / Reset button</li> </ul>	<ul style="list-style-type: none"> <li>12-language User Interface</li> <li>Supports Remote Management</li> <li>System Status and Security Log (Web Interface)</li> <li>Firmware upgradeable</li> </ul>
WAN	SECURITY	OUTPUT POWER & SENSITIVITY GAIN
<ul style="list-style-type: none"> <li>Supports WISP connection mode</li> <li>Supports RJ-45 cable/xDSL modem</li> <li>WAN protocol: PPPoE/Static IP/PPTP/Dynamic IP/L2TP</li> </ul>	<ul style="list-style-type: none"> <li>NAT/NAPT IP Sharing</li> <li>64/128-bit WEP Encryption and WPA-PSK, WPA2-PSK security</li> <li>DHCP Server/Client</li> <li>QoS for critical operations</li> <li>SPI Anti-DoS Firewall</li> </ul>	<ul style="list-style-type: none"> <li>11n: 15±1dBm, 11g: 15±1dBm, 11b: 18±1dBm</li> <li>11n (40MHz): -68dBm, 11n (20MHz): -71dBm, 11g: -74dBm, 11b: -87dBm</li> </ul>
MEMORY	INSTALLATION KIT	HUMIDITY & TEMPERATURE
<ul style="list-style-type: none"> <li>4 MB NOR Flash</li> <li>16 MB SDRAM</li> </ul>	<ul style="list-style-type: none"> <li>Multilingual EZMax Setup Wizard</li> </ul>	<ul style="list-style-type: none"> <li>10-90% (Non-condensing)</li> <li>0~45°C</li> </ul>
POWER ADAPTER	DIMENSIONS	CERTIFICATIONS
<ul style="list-style-type: none"> <li>DC 5V, 1A</li> </ul>	<ul style="list-style-type: none"> <li>134 (W) x 110 (D) x 26 (H) mm</li> </ul>	<ul style="list-style-type: none"> <li>CE, FCC</li> </ul>

## TYPICAL SETUP DIAGRAM AND RELATED PRODUCTS

