The Edimax EA-I09D is a high performance 9dBi omni-directional antenna, designed to improve the wireless network signal and coverage in your home and office.

**Wireless signal and distance improvement**
When connected to a wireless access point or router, the EA-I09D increases the wireless coverage area. The antenna also improves the transmission range when the antenna is connected to a wireless adaptor.

**9dBi high gain performance antenna**
The antenna is capable of rotating 360°.

**Universal RP-SMA connector for flexible connections**
The antenna is not only compatible with Edimax devices, but also with most wireless devices equipped with a RP-SMA interface.

**Signal transmission in all directions**
The antenna is omni-directional so it transmits and receives signals from all directions. It is the best solution for radial coverage.

**No software or driver needed**
All you have to do is to unscrew the original antenna from your device and replace it with the EA-I09D. The antenna starts to work as soon as it is put into position.
FEATURES
- Complies with IEEE802.11b/g/n standards
- 9dBi high gain antenna with desktop antenna stand
- Universal RP-SMA connector to fit most wireless devices
- Omni-directional antenna for radial coverage
- User-friendly mounting kit

SPECIFICATIONS

<table>
<thead>
<tr>
<th>HARDWARE INTERFACE</th>
<th>STANDARD &amp; FREQUENCY BAND</th>
<th>PEAK GAIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>◆ 9dBi RP-SMA detachable antenna</td>
<td>◆ IEEE802.11b/g/n</td>
<td>◆ 9dBi</td>
</tr>
<tr>
<td>◆ RP-SMA connector</td>
<td>◆ 2400-2500MHz</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>POLARIZATION</th>
<th>ANTENNA SPEC</th>
<th>DIMENSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>◆ HPBW/ horizontal: 360 degrees</td>
<td>◆ VSWR (Voltage Standing Wave Radio) : 2.0 : 1 Max</td>
<td>◆ Antenna : OD 13 x 375mm</td>
</tr>
<tr>
<td>◆ HPBW/ vertical: 15 to 20 degrees</td>
<td>◆ Impedance: 50 Ohms</td>
<td></td>
</tr>
<tr>
<td>◆ Power handling 2 W (cw)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

RADIATION PATTERNS:

NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

An example of EA-IO9D application:
- Connect to a wireless 802.11b/g/n device (access point, router or adapter) with the RP-SMA connector
- Adjust the antenna angle to pick up the strongest signal

Boost your wireless signal coverage!

*The coverage will vary depending on network conditions and environmental factors.*