Edimax EA-IO7D V2 is a high performance 7dBi omni-directional antenna to improve the wireless network signal and coverage in your home and office. The antenna is connected with a detachable stand which allows you to relocate the antenna one meter away to a proper / higher position to pick up stronger wireless signals. The stand base is built in with strong magnet so users can attach it to any metal wall/partition/cabinet or surface.

**Wireless signal and distance improvement**
EA-IO7D increases the wireless coverage area when it is connected to a wireless AP/router. It also improve the transmission range when the antenna is connected to a wireless adaptor.

**7dBi high gain performance antenna**
The antenna is flexible to rotate 360°.

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

**No software or driver needed**
All you have to do is to unscrew the original antenna from the device and replace with EA-IO7D onto the devices. The antenna starts to work when placed to a proper position.

**FEATURES**
- Complies with IEEE802.11b/g/n standards
- Provides 7dBi high gain antenna with desktop antenna stand
- Provides universal RP-SMA connector to fit with most wireless device
- Attaches to any metal surface with the magnetic relocation stand
- Provides Omni-directional antenna for radius coverage

Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.

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www.edimax.com
## SPECIFICATIONS

<table>
<thead>
<tr>
<th>HARDWARE INTERFACE</th>
<th>STANDARD &amp; FREQUENCY BAND</th>
<th>PEAK GAIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>7dBi RP-SMA detachable antenna</td>
<td>IEEE802.11b/g/n</td>
<td>7dBi</td>
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<tr>
<td>RP-SMA connector at antenna end</td>
<td>2400-2500MHz</td>
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</table>

<table>
<thead>
<tr>
<th>POLARIZATION</th>
<th>ANTENNA SPEC</th>
<th>DIMENSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPBW/ horizontal: 360 degree</td>
<td>VSWR (Voltage Standing Wave Radio): 2.0 : 1 Max</td>
<td>Antenna : OD 13 x 280mm</td>
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<tr>
<td>HPBW/ vertical: 20~25 degree</td>
<td>Impedance: 50 Ohms</td>
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<td></td>
<td>Power handling 2 W (c w)</td>
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### RADIATION PATTERNS

![Radiation Patterns](image)

### NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

An example of EA-I07D V2 application:
- Connect to a wireless 802.11b/g/n device (access point, router or adapter...) with RP-SMA connector
- Adjust the antenna angle to pick up strongest signal

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