EDIMAX
NETWORKING PEOPLE TOGETHER

EA-IO7D V2

Indoor 7dBi Omni-directional Desktop Antenna

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
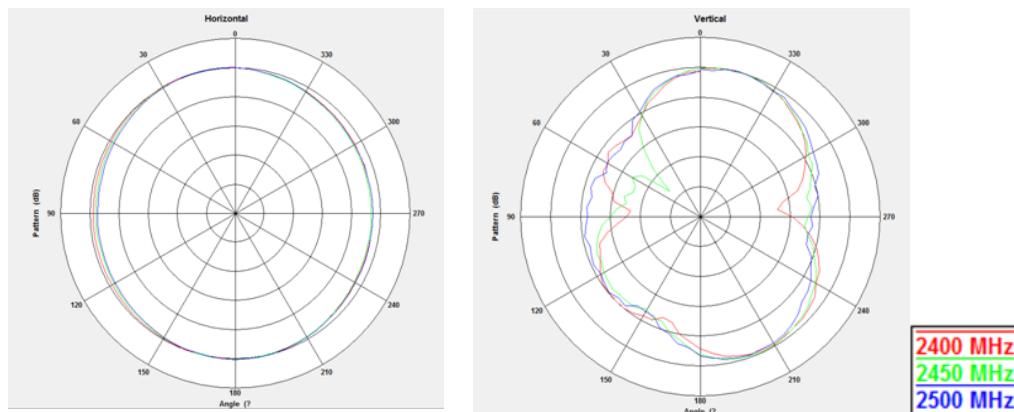• Provides Omni-directional antenna for radius coverage

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SPECIFICATIONS

HARDWARE INTERFACE	STANDARD & FREQUENCY BAND	PEAK GAIN
✳ 7dBi RP-SMA detachable antenna ✳ RP-SMA connector at antenna end	✳ IEEE802.11b/g/n ✳ 2400-2500MHz	✳ 7dBi

POLARIZATION	ANTENNA SPEC	DIMENSION
✳ HPBW/ horizontal: 360 degree ✳ HPBW/ vertical: 20~25 degree	✳ VSWR (Voltage Standing Wave Radio) : 2.0 : 1 Max ✳ Impedance: 50 Ohms ✳ Power handling 2 W (c w)	✳ Antenna : OD 13 x 280mm

RADIATION PATTERNS

NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

An example of EA-IO7D 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

Router
Before

+

After

Boost your wireless signal coverage!

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