



EA-IO7D

Indoor 7dBi Omni-directional Desktop Antenna



Edimax EA-IO7D 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 with magnetic relocation stand

The antenna is flexible to rotate 360°. It fits easily to the wall, ceiling or desktop with the magnetic the stand which is strong enough to hold the antenna onto proper position.

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.

User-friendly mounting kit

Beside magnetic base, a mounting kit is also included for the installation onto wooden or concrete walls.

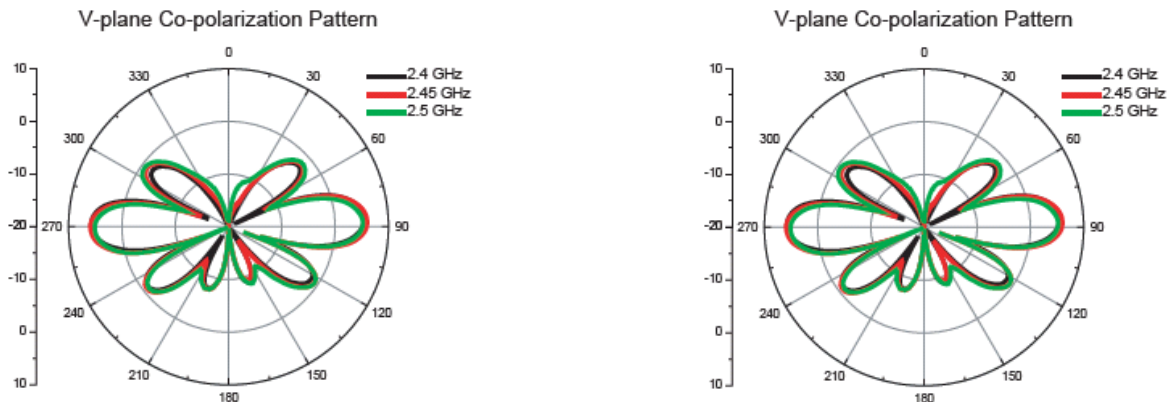
FEATURES

- Complies with IEEE802.11b/g 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
- Provides user-friendly mounting kit

SPECIFICATIONS

HARDWARE INTERFACE	STANDARD & FREQUENCY BAND	PEAK GAIN
<ul style="list-style-type: none"> ● 7dBi RP-SMA detachable antenna ● RP-SMA connector at antenna end and antenna stand end ● Cable length (antenna stand) : 1 meter 	<ul style="list-style-type: none"> ● IEEE802.11b/802.11g ● 2400-2500MHz 	<ul style="list-style-type: none"> ● 7dBi
POLARIZATION	ANTENNA SPEC	DIMENSION
<ul style="list-style-type: none"> ● HPBW/ horizontal: 360 degree ● HPBW/ vertical: 20 degree 	<ul style="list-style-type: none"> ● VSWR (Voltage Standing Wave Ratio) : 2.2 : 1 Max ● Impedance: 50 Ohms ● Power handling 2 W (c w) 	<ul style="list-style-type: none"> ● Antenna : OD 13 x 280mm ● Antenna stand : 90 x 70 x 30mm

RADIATION PATTERNS:



NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

An example of EA-IO7D application:

- Connect to a wireless 802.11b/g device (access point, router or adapter...) with RP-SMA connector
- Adjust the antenna angle to pick up strongest signal

