



## Quick Start Guide

A02-ANT05(8)01\_GE01  
A02-ANT08D01(2)\_GE01

# Quick Start Guide [A02-ANT0801 / A02-ANT0501]

## Introduction

The high gain indoor wireless omni antenna (hereafter called Indoor Omni Antenna) is the ideal solution to extend the coverage and amplify the signal power of your wireless network. Using 360° Omni directional features, the wireless signals are transmitted in multiple directions for a broader coverage area. The Indoor Omni Antenna is great for Wireless Access Point and Router that supply wireless signals to multiple computer in multiple locations and it is simple and easy to setup.

## System Requirements

2.4Ghz Wireless Network (IEEE 802.11b or IEEE 802.11g or IEEE 802.11n)
One Wireless Device with detachable external Antenna connector
Connector Type : Reverse SMA Female Jack

## Package Content

Hi-Gain Wireless Omni Antenna with Reverse SMA Connector	1 Set
Quick Installation Guide	1 PCS

## Caution:

Before installing the high gain Indoor Antenna, please make sure the antenna of the wireless device (i.e., Access Point, Wireless Router, Wireless PCI Card, Wireless USB Adapter) is removable by examining the base of the antenna to see if it is a screw on type. Please do not pull the antenna out by force as this will damage the wireless device.

**Step 1 :** Remove one default antenna from the wireless device by unscrewing it from the base and start to assemble!

**Step 2 :** Screw in the SMA Connector from the Indoor Omni Antenna into the wireless device

**Step 3:** After the Indoor Antenna is attached to the wireless device position the Indoor Antenna vertically to the desk or wall and choose the optimal location for extending the wireless coverage area and best performance.

## Note:

- The antenna transmission range may vary due to many factors in the environment or applications. Performance results will also be affected from different wireless devices due to the variety of different brands where the wireless router / access point may vary from one to the next.
- If your Wireless Router/Access Point has two antennas, it is better not to remove the second antenna. For optional performance, two High-Gain Antenna should be used, pointed to different directions.
- Concealing the antenna behind books, cabinets or other office equipment may affect the performance of the wireless networks.
- Use of any Antenna requires careful planning and extra consideration to comply with EU emissions and health standards and regulations. It is recommended that a qualified professional installer service be consulted for site survey and proper installation. Antenna installation must comply with the maximum level authorized by each country.
- In most European countries the maximum equivalent isotropic radiated power limit is 100mW\* EIRP. When installing High Gain Antennas, the user has to be sure the limits won't be exceeded.

## Features

- High gain: 8 dBi(A02-ANT0801) & 5 dBi(A02-ANT0501)
- High performance
- Low profile
- Smart and elegant style
- 270° Tilt-and-swivel design for best reception

## Electrical Specifications

Antenna Type	2.4GHz 7 dBi Indoor Omni Antenna
Frequency Range	2.4 ~ 2.4835GHz
Network Specification	IEEE 802.11b , IEEE 802.11g , IEEE 802.11n, Wireless 2.4Ghz Network
Gain	8 dBi(A02-ANT0801) 5 dBi(A02-ANT0501)
V.S.W.R	< 2.0
Beam Width-H Plane	360° (Vertical)
Beam Width-E Plane	40° (Horizontal)
Polarization	Vertical (Linear)
Input Impedance	50 Ohms
Connector	Reverse SMA Male Plug
Operation Temperature	-10°C : + 60°C
Storage Temperature	-20°C : +65°C
Humidity	95% maximum (non-condensing)

This product is covered by Atlantis Land 3 years On-Site warranty. For more detailed informations please refer to the web site [www.atlantis-land.com](http://www.atlantis-land.com).

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