

## High Power 14dBi Outdoor Directional WiFi Antenna Kit

AD14EX

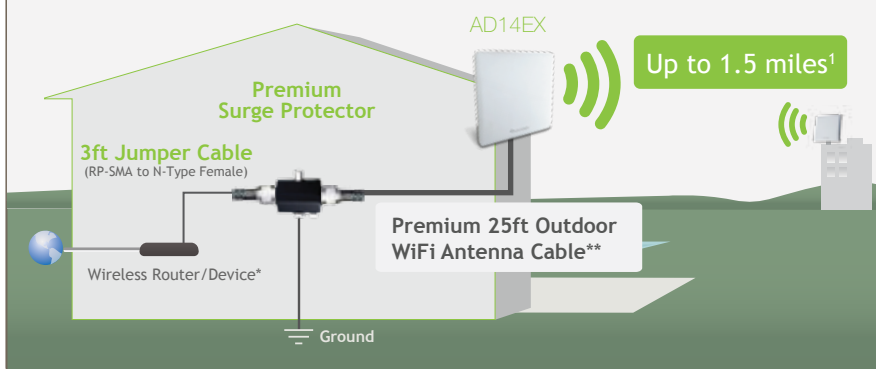
OUTDOOR SERIES

The Amped Wireless High Power 14dBi Directional Outdoor WiFi Antenna is designed to increase the signal strength and range of your 2.4GHz 802.11b/g/n WiFi device in a single direction. The high gain antenna provides WiFi devices, such as routers, access points, adapters, cameras and bridges, with more powerful, directional, point to point, WiFi coverage.



### How it Works:

The High Power Outdoor Directional WiFi Antenna replaces the antenna of your wireless device to extend wireless distance up to 1.5 miles<sup>1</sup> in a single direction.

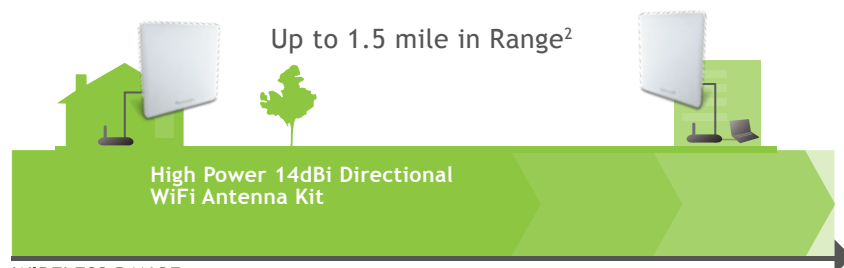


\* Not Included

\*\* The Premium 25ft Outdoor WiFi Antenna Cable (APC25EX) is required for this installation and is sold separately

### Performance Comparison:

An advanced antenna design maximizes the wireless range of the Wi-Fi device the AD14EX is attached to. The AD14EX increases antenna gain to 14dBi (from 0 dBi on average) and directs the wireless signal in a single direction for a boost in wireless range and performance outdoors.



WIRELESS RANGE

- Standard Wi-Fi Antenna Gain: 0dBi
- AD14EX High Power Outdoor Antenna Gain: 14dBi

<sup>1</sup> Wireless results may vary. To achieve a 1.5 mile wireless connection it is necessary to have another high power outdoor antenna on the other end of your connection. The connection must have no obstructions and have line of sight.

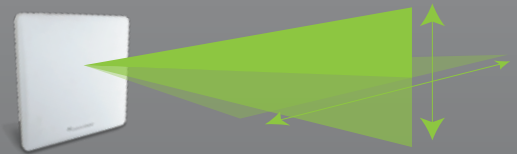
<sup>2</sup> Wireless performance may vary due to environmental conditions and installation scenarios.

### Key Features

- Concentrates WiFi coverage in a single direction for maximum range
- Rugged, weatherproof design for protection from harsh outdoor environments
- Compatible with most 2.4GHz wireless devices, access points, routers and adapters
- Safe: Includes a Premium Surge Protector to protect your wireless devices from electrical surges
- Replaces the antenna on your 802.11b/g/n wireless device

### Wireless Coverage Pattern

- Concentrates WiFi power to a single direction for more wireless range and performance



### Amped Wireless Technology

- Build Quality



The interior and exterior of Amped Wireless Outdoor Antennas are constructed with the highest quality materials for maximum performance and outdoor durability.

The internal components are finely tuned for maximum signal transfer efficiency from your wireless device.

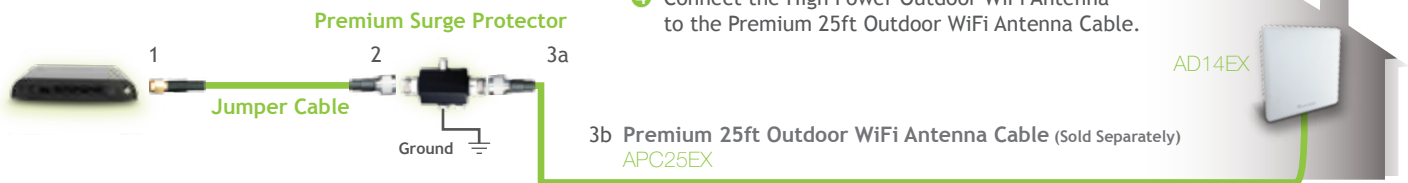
- Back Panel



The back panel features a weather sealed stainless steel plate, rugged mounts (for attaching the mounting kit) and a nickel plated N-Type Female connector.

## How to Install the Outdoor Antenna

- 1 Using the included 3ft Jumper Cable, attach the SMA Plug to the RJ-SMA antenna connector on your wireless device.
- 2 Connect the other end of the Jumper cable to the included Premium Surge Protector.
- 3 Use the Premium 25ft Outdoor Antenna Cable (Sold Separately) to:
  - a) Connect one end to the Surge Protector and...
  - b) Extend your installation outdoors
- 4 Connect the High Power Outdoor WiFi Antenna to the Premium 25ft Outdoor WiFi Antenna Cable.



## Kit Contents

- High Power Outdoor 14dBi Directional WiFi Antenna
- Mounting Kit: Pole or Wall Mounting
- Premium Surge Protector: Protection from Lightning Surges
- 3ft N-Plug to RP-SMA Jumper Cable: Easy connection to standard wireless devices with detachable antennas (SMA antenna connectors)



## Product Specifications:

Wireless Standard: IEEE 802.11b/g/n

Frequency Band: 2.4GHz

Antenna Gain: 14 dBi

Antenna Connector: N-Type Female

VSWR: 1.8:1 Max

Antenna Pattern:

- H Plane: 30° Degrees
- V Plane: 30° Degrees

Polarization: Linear, Vertical

### System Requirements:

- One 802.11b/g/n Wireless Device with detachable antenna (RJ-SMA or N-Type Female connector)
- One Premium 25ft Outdoor WiFi Antenna Cable APC25EX

### Package Contents:

- One High Power 14dBi Directional WiFi Antenna
- One Wall or Pole Mounting Kit
- One Premium Surge Protector
- One 3ft Jumper Cable (N-Type Male to RP-SMA)
- One Setup Guide

## Requirements

- Wireless 802.11b/g/n WiFi device with a detachable antenna (Antenna connector: N-Type Female Jack or RJ-SMA)



- APC25EX - 25 Foot Premium Outdoor Antenna Cable



Designed by Amped Wireless in the USA

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