



## 14dBi Outdoor High-Gain Directional Antenna

### TEW-AO14D

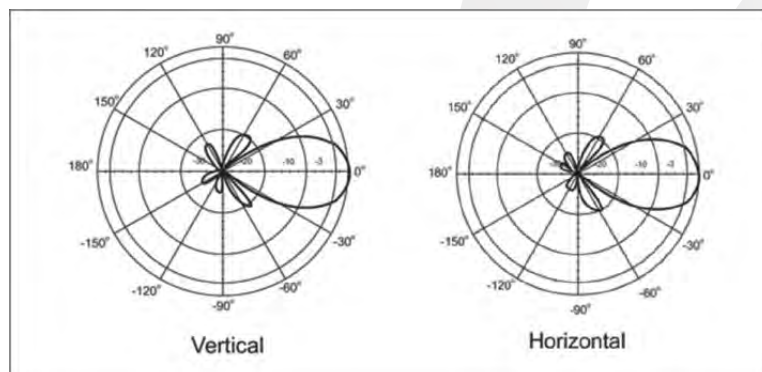
TEW-AO14D Outdoor High-Gain Directional Antenna provides long distance point-to-point connectivity for your wireless network. As an optional antenna for your IEEE 802.11b/g 2.4GHz wireless network equipment, you can install it outdoors for long distance point-to-point connections, or install indoors to blast through building obstructions. Enjoy the benefits of wireless connectivity at greater distances and with more reliable throughput throughout your indoor or outdoor wireless zone.

\* This dBi gain does not factor cable loss. Performance estimations are for typical use; range will vary with site conditions.

## FEATURES

- Compatible with 2.4GHz 802.11b/g wireless devices
- Weatherproof housing design for both indoor and outdoor applications
- Adjustable swivel mount for optimal performance
- Ideal for point-to-point bridge connections between buildings/zones
- Delivers extended access point range in expansive single floor environments
- Higher power output extends transmission range through low dB loss materials (plywood/plasterboard) used in typical floor and wall construction\*
- Enhances wireless coverage and improves signal transmission and reception
- Boosts standard antenna power from a meager 2dBi to a respectable 14dBi
- Easy-to-install wall and pole mounting
- 3-Year Warranty

## PATTERNS



\*Due to the bisymmetrical nature of WiFi, the client segment may also require a high gain antenna.

# 14dBi Indoor/ Outdoor High-Gain Directional Antenna

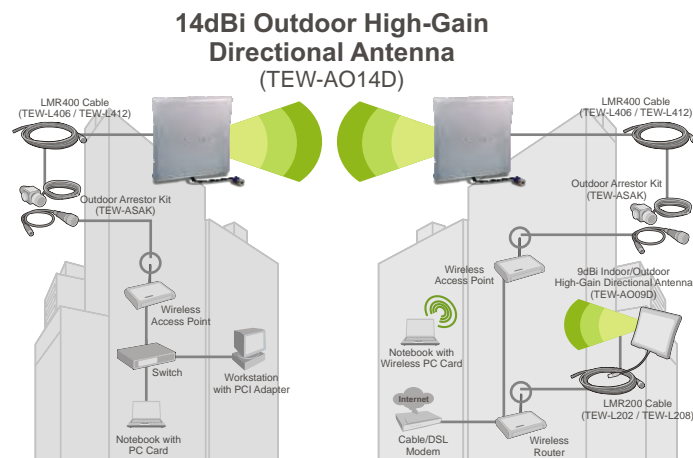
## TEW-AO14D

### SPECIFICATIONS

Hardware	
Frequency range	• 2.4 ~ 2.5 GHz
Antenna Gain	• 14dBi
VSWR	• 1.5:1 Max
Polarization	• Linear, Vertical
HPBW/ Horizontal	• 30°
HPBW/ Vertical	• 30°
Front to Back Ratio	• 15dB
Power Handling	• 50W (cw)
Impedance	• 50 Ohms
Connector	• N-Type Female
Survival Wind Speed	• 216 km/hr (134 miles/hr)
Lightning protection	• DC ground
Radome Material	• ABS
Dimension	• 225 x 228 x 30 mm (8.9 x 9.0 x 1.2 in.)
Weight	• 450 g (15.9 oz.)
Temperature	• -40° C ~ 80° C (-40° F ~ 176° F)

\* Note: For optimal results in extending your wireless range with wireless antenna installations, we recommend that you consult a professional installer for site survey, safety precautions, and proper installation.

### NETWORKING SOLUTIONS



### PACKAGE CONTENTS

- TEW-AO14D
- Multi-Language Quick Installation Guide
- Mounting Guide
- Mounting Kit

### RELATED PRODUCTS

<b>TEW-AO080</b>	8dBi Outdoor Omni-Directional Antenna
<b>TEW-AO100</b>	10dBi Outdoor Omni-Directional Antenna
<b>TEW-AO09D</b>	9dBi Indoor/ Outdoor High-Gain Directional Antenna

### ORDERING INFORMATION

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