



19dBi Outdoor High-Gain Directional Antenna

TEW-AO19D

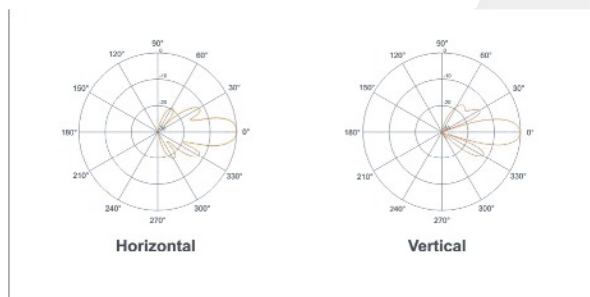
TEW-AO19D Outdoor High-Gain Directional Antenna provides long distance point-to-point connectivity for your wireless network. As an optional antenna for your IEEE 802.11b/g 2.4GHz wireless network equipment, you can install it outdoors for long distance point-to-point connections, or install indoors 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
- Enhances wireless coverage and improves signal transmission and reception*
- Boosts standard antenna power up to 19dBi
- 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.

19dBi Indoor/ Outdoor High-Gain Directional Antenna

TEW-AO19D

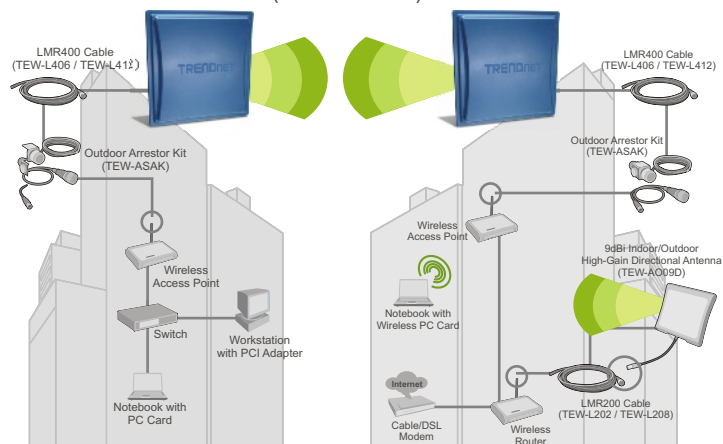
SPECIFICATIONS

Hardware	
Frequency range	• 2.4 ~ 2.5 GHz
Gain	• 19dBi
VSWR	• 1.5:1 Max
Polarization	• Linear, Vertical
HPBW/ Horizontal	• 18°
HPBW/ Vertical	• 18°
Front to Back Ratio	• 30dB
Power Handling	• 30W (cw)
Impedance	• 50 Ohms
Dimension	• 225 x 228 x 30 mm (8.9 x 9.0 x 1.2 in.)
Connector	• N-type Female
Survival Wind Speed	• 201.2 km/hr (125 miles/hr)
Lightning protection	• DC ground
Radome Material	• ABS
Dimension	• 390 x 390 x 30 mm (15.4 x 15.4 x 1.2 in.)
Weight	• 950 g (33.5 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

19dBi Outdoor High-Gain Directional Antenna (TEW-AO19D)



PACKAGE CONTENTS

- TEW-AO19D
- Multi-Language Quick Installation Guide
- Mounting Guide
- Mounting Kit

RELATED PRODUCTS

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

ORDERING INFORMATION

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