



Dual-Band 802.11a/g 8/6dBi Indoor Directional Antenna TEW-AI86D

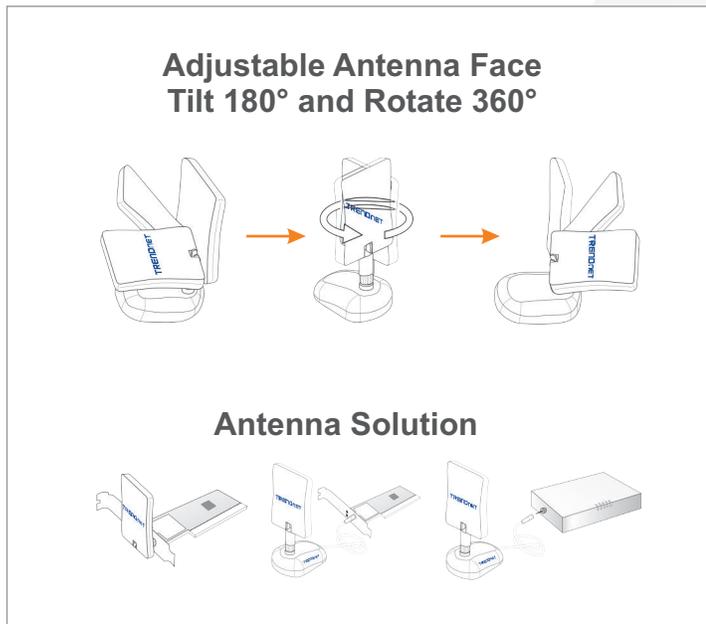
TEW-AI86D Indoor Directional Antenna provides more power and greater range for your wireless network. As an optional antenna for your IEEE 802.11b/g 2.4GHz or 802.11a 5GHz wireless network equipment, TEW-AI86D will significantly improve signal strength and quality. TEW-AI86D will work with any brand of device with reverse SMA male connector!!

*** 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 or 5GHz 802.11a wireless devices.
- Works with any brand of wireless devices with reverse SMA male connector
- Serves as an indoor directional relocation antenna
- Enhances wireless coverage and improve signal transmission and reception
- Adjustable antenna face can tilt up to 180° and rotate up to 360° for optimal performance.
- No configuration or installation software required
- 3-Year Warranty

ANTENNA SOLUTION



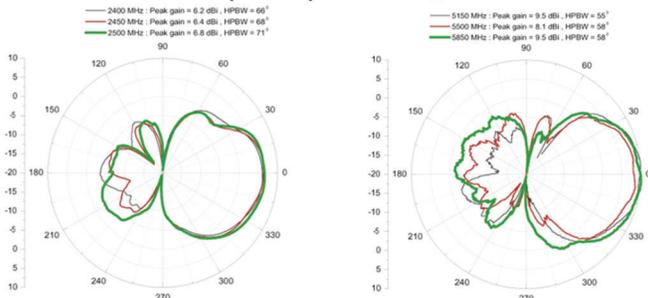
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SPECIFICATIONS

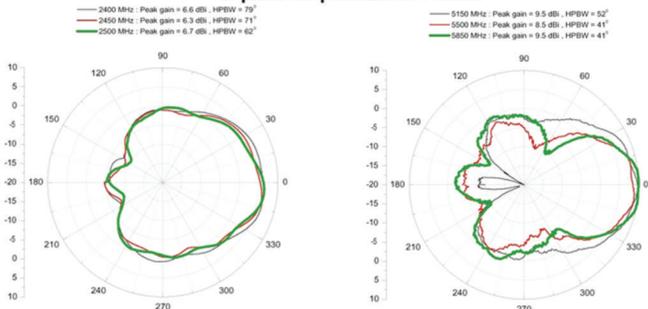
Hardware	
Frequency range	• 802.11a: 4.9 ~ 5.875GHz • 802.11b/g: 2.4 ~ 2.5GHz
Gain	• 802.11b/g: 8dBi • 802.11a/g: 6dBi
VSWR	• 2.0:1
Polarization	• Linear, Vertical
HPBW/ Horizontal	• 802.11a: 50° • 802.11b/g: 75°
HPBW/ Vertical	• 802.11a: 60° • 802.11b/g: 70°
Power Handling	• 2W (cw)
Impedance	• 50 Ohms
Connector	• Reverse SMA Female
Dimension	• 128 x 85 x 15 mm (5.04 x 3.35 x 0.59 in.)
Weight	• 51g (4.5oz.)
Temperature	• -10°C ~ 55°C (14°F ~ 131°F)
Humidity	• 95% at 25°C

RADIATION PATTERNS

E-plane Co-polarization Pattern



H-plane Co-polarization Pattern



PACKAGE CONTENTS

- TEW-AI86D
- Multi-Language User's Guide

RELATED PRODUCTS

TEW-AI86DB	Dual-Band 802.11a/g 8/6dBi Indoor Directional Antenna with Mounting Base
TEW-AI750	Dual-Band 802.11a/g 7/5dBi Indoor Omni Antenna
TEW-AI750B	Dual-Band 802.11a/g 7/5dBi Indoor Omni Antenna with Mounting Base

ORDERING INFORMATION

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