



## Dual-Band 802.11a/g 7/5dBi Indoor Omni Antenna with Mounting Base TEW-AI750B

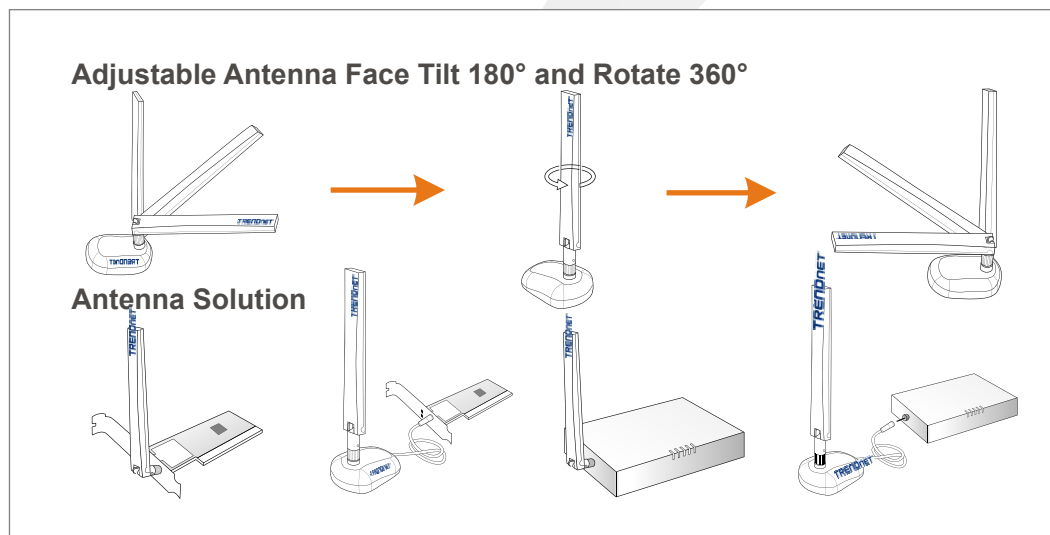
TEW-AI750B Omni Antenna provides more power and greater range for your wireless network. As an optional antenna for your IEEE 802.11b/g 2.4GHz or 802.11a 5GHz wireless network equipment, TEW-AI750B will significantly improve signal strength and quality. TEW-AI750B will work with any brand of devices 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
- Detachable antenna base allows high gain antenna to be optionally connected to Wi-Fi device avoiding cable loss/attenuation
- Magnetic base allows convenient and optimal relocation to wall or any metallic surface
- Works with any brand of wireless devices with reverse SMA male connector
- Serves as an indoor omni 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



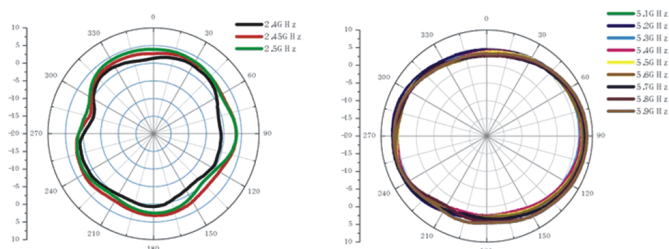
# Dual-band 802.11a/g 7/5dBi Indoor Omni Antenna with Mounting Base TEW-AI750B

## SPECIFICATIONS

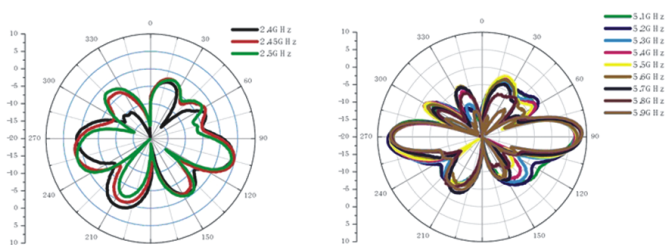
Hardware	
Frequency range	• 802.11a: 4.9 ~ 5.875GHz • 802.11b/g: 2.4 ~ 2.5GHz
Gain	• 802.11b/g: 7dBi • 802.11b/g: 5dBi
VSWR	• 2.0:1
Polarization	• Linear, Vertical
HPBW/ Horizontal	• 360°
HPBW/ Vertical	• 802.11a: 25° • 802.11b/g: 35°
Power Handling	• 2W (cw)
Impedance	• 50 Ohms
Connector	• Reverse SMA Female
Cable Length	• 100 cm (3.3 ft.)
Temperature	• -10°C ~ 55°C (14°F ~ 131°F)
Humidity	• 95% at 25°C
Weight	• Antenna: 40g (1.4 oz.) • Base: 82g (2.9 oz.)
Dimension	• Antenna: 217 x 28 x 14 mm (8.5 x 1.1 x 0.55 in.) • Base: 80 x 58 x 28 mm (3.15 x 2.28 x 1.1 in.)

## RADIATION PATTERNS

H-plane Co-polarization pattern



V-plane Co-polarization pattern



## PACKAGE CONTENTS

- TEW-AI750B
- Multi-Language User's Guide
- Mounting Kit

## RELATED PRODUCTS

TEW-AI750	Dual-Band 802.11a/g 7/5dBi Indoor Omni Antenna
TEW-AI86D	Dual-Band 802.11a/g 8/6dBi Indoor Directional Antenna
TEW-AI86DB	Dual-Band 802.11a/g 8/6dBi Indoor Directional Antenna with Mounting Base

## ORDERING INFORMATION

**TRENDnet®**

20675 Manhattan Place, Torrance, CA 90501 USA

Tel: 1-310-961-5500

Fax: 1-310-961-5511

Web: [www.trendnet.com](http://www.trendnet.com)

Email: [sales@trendnet.com](mailto:sales@trendnet.com)

To Order Please Call:

**1-888-326-6061**

