



## H-AI6SIP

**Hi-Gain Omni Directional  
2.4Ghz 6dBi Antenna  
(802.11b/g)  
One Year Warranty**

### PACKAGE CONTENTS:

- ◆ One Hi-Gain Antenna
- ◆ One Conversion Adapter (RP-SMA to TNC Jumper Cable)
- ◆ Easy-to-follow owner's manual

### Get Connected With Hawking

- ◆ Increase your Wireless Network Strength
- ◆ Easy Plug and Play Installation
- ◆ H-AI6SI Works with IEEE 802.11b and 802.11g 2.4Ghz Standards
- ◆ Supports Wireless Connector Adapters (Reverse SMA)
- ◆ Conversion Adapter for Access Points with TNC antenna connectors
- ◆ Free tech support

### Connect Anywhere, Anytime

Hawking Technologies' H-AI6SIP (Single Band 802.11b and 802.11g) Wireless Antenna boosts your wireless signal strength from 2dBi (standard) to 6dBi! One of the major problems with many wireless networks is the poor coverage area of standard access points and routers. Hawking solves this problem with an antenna that attaches to the connector of your Wireless Access Point or Network Adapter. By increasing the strength of your antenna, your Wireless Network distance, signal strength and performance are significantly improved. Whether you have an 802.11b 11M Wireless Network or even the newest 802.11g wireless network, Hawking has you covered.

### Easy Installation and Use

Hawking's Hi-Gain Wireless Antennas are designed to work with most Wireless Access Points, Wireless Routers and Wireless Network Adapters. By using the popular Reverse-SMA connector, the Hawking Hi-Gain Antennas can be used on most Wireless Devices. Simply unscrew your current antenna and screw on Hawking's Hi-Gain Antenna and you're ready to go!

### System Requirements:

- ◆ IEEE802.11b or IEEE 802.11g 2.4Ghz Wireless Network.
- ◆ Wireless Device with Reverse-SMA Connector (Access Point/Wireless Router/Wireless Network Adapter/Wireless Bridge)

### Network Operations Systems Support:

Microsoft Windows 95/98/2000//NT/ME/XP and more!

# Hi-Gain 6dBi Wireless Antenna w/ TNC Cable

CONNECT WHEREVER YOU WANT · WHENEVER YOU WANT

## CAREFREE WIRELESS

### HAWKING TECHNOLOGIES, INC

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### READY, NETWORK & GO!

It's easy to install, it's easy to use! Everyone can do it.

#### Step 1 - Unscrew your Wireless Device's Antenna

Unscrew the current antenna on the device you plan to attach your Hi-Gain Antenna to.

#### Step 2 - Screw in your Hi-Gain Hawking Antenna

Connect your new Hi-Gain Wireless Antenna to your device by screwing on the SMA connector attached to the end of the Antenna Cable.

#### Step 3 - Position your Antenna and Go!

Choose the optimal LAN position for your antenna (on the wall, on your desk, etc.) and power on your wireless LAN.



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**2.4Ghz 6dBi Antenna**  
**(802.11b/g)**  
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### ORDERING INFORMATION: (Wireless Devices w/ SMA Connectors)

- WB320** 11M 802.11b Wireless Workgroup Bridge
- WA300** 11M IEEE802.11b Wireless Access Point
- WA739P** 11M IEEE802.11b 3-port Wireless Print server or AP with 3-port print server
- H-WR304** 11M IEEE802.11b 4-port Wireless Router
- H-WR258** 11M IEEE802.11b Wireless Router
- H-WP102** 11M IEEE802.11b Wireless PCI Card

### WIRELESS NETWORK DIAGRAM:



### SPECIFICATIONS:

#### Network

#### 2.4 ~ 2.56 Ghz

- ♦ IEEE 802.11b WLAN Standard
- ♦ IEEE 802.11g WLAN Standard

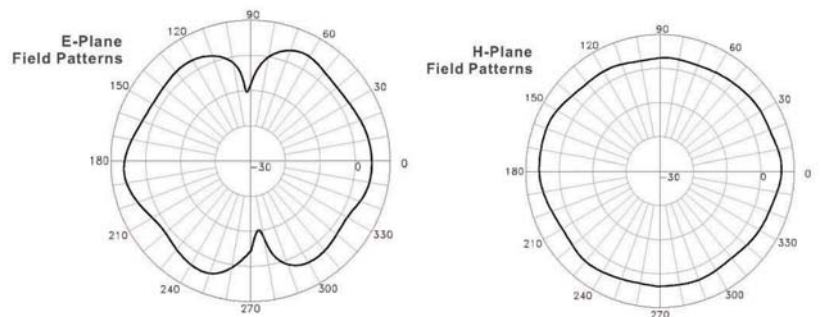
#### Electrical Properties

- ♦ Impedance 50 Ohms nominal
- ♦ Gain 6 dBi
- ♦ Polarization Vertical

#### Mechanical Properties

- ♦ Connector Reverse SMA Plug
- ♦ Cable RG 316
- ♦ Attachment Strength 5.0Kg-cm
- ♦ Dimensions
  - Height 295mm
  - Base 77mm diameter

### WIRELESS PATTERN (OMNI DIRECTIONAL)



\*The range will vary in different operating environments due to effects such as building construction.

Features	Benefits
2.4 GHz Frequency	Works with popular Wireless Standards
Reverse SMA Plug	Compatible with most Access Points / Adapters
6dBi External Antenna	Ensures optimal coverage
Supports all network operating systems	Setup is quick and simple