

**H-AI6SD****Hi-Gain Directional  
2.4Ghz 6dB Antenna  
(802.11b/g)  
One Year Warranty****PACKAGE CONTENTS:**

- ◆ One Hi-Gain Antenna
- ◆ Easy to follow owner's manual

**Get Connected With Hawking**

- ◆ Increase your Wireless Network Strength
- ◆ Easy Plug and Play Installation
- ◆ H-AI6SD Works with IEEE 802.11b and 802.11g 2.4Ghz Standards
- ◆ Supports Wireless Connector Adapters (Rev. SMA)
- ◆ Free tech support

**Connect Anywhere, Anytime**

Hawking Technology's H-AI6SD, 2.4Ghz Hi-Gain Wireless Directional Antenna, boosts your wireless signal strength from 2dB (standard) to 6dB! A large problem with many wireless networks is the poor coverage area of standard Wireless networks. Hawking solves this problem with a Hi-Gain antenna that attaches directly to the external antenna connector of your Wireless Access Point or Wireless Network Adapter. By increasing the strength of your external wireless antenna, your Wireless Network distance, signal strength and performance is significantly improved. Simply point your Wireless Directional Antenna in the direction of your Access Point or Network Adapter and easily extend your signal range and quality.

**Easy Installation and Use**

Hawking's Hi-Gain Antennae are designed to work with all Wireless Access Points, Wireless Routers and Wireless Network Adapters that have removable external antennae. By using the popular Reverse-SMA connector, the Hawking Hi-Gain Antenna can be used on most wireless devices. This means you are not restricted to just Hawking Wireless products. If you have another brand's Wireless Device with the same connector you may still attach the Hawking Hi-Gain antenna to it. Simply unscrew your current antenna and screw on Hawking's Hi-Gain antenna and you're ready to go!

**Systems Requirement:**

- ◆ 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 6dB Directional Wireless Antenna

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 - Disconnect your External Antenna

Unscrew and remove your current external wireless antenna from your Access Point or Wireless Router.

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

Screw in 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!

Point your antenna toward the source of your wireless signal and power on your wireless LAN.



## H-AI6SD

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6dB Antenna  
(802.11b/g)**

**One Year Warranty**

### ORDERING INFORMATION:

(Wireless Devices w/ SMA Connectors)

- WB320** 11M 802.11b Wireless Workgroup Bridge
- WA300** 11M IEEE 802.11b Wireless Access Point
- WA739P** 11M IEEE 802.11b 3pt Wireless Print server or AP with 3 port print server
- H-WR304** 11M IEEE 802.11b 4 port Wireless Router
- H-WR258** 11M IEEE 802.11b Wireless Router
- H-WP102** 11M IEEE 802.11b Wireless PCI Card
- H-ACST** RP-SMA to RP-TNC converter

### WIRELESS NETWORK DIAGRAM:



EXTENDED WIRELESS SIGNAL  
UP TO 100% PERFORMANCE INCREASE

### SPECIFICATION:

#### Network

#### 2Ghz

- ◆ IEEE 802.11b WLAN Standard
- ◆ IEEE 802.11g WLAN Standard

#### Electrical Properties

- ◆ Impedance 50 Ohms nominal
- ◆ Gain 6 dBi
- ◆ Polarization Linear Vertical
- ◆ VSWR 1.5 max
- ◆ H-plane 80°
- ◆ E-plane 80°

#### Mechanical Properties

- ◆ Connector  
Reverse SMA Plug
- ◆ Cable  
RG 316
- ◆ Attachment Strength  
5.0Kg-cm
- ◆ Dimension  
115 x 76 x 33 mm

### WIRELESS PATTERN (DIRECTIONAL)

#### Overlook



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

### Features

- 2.4 GHz Frequency
- Reverse SMA Plug
- 6dB External Antenna
- Supports all network operating systems
- Directional Output

### Benefits

- Works with popular Wireless Standards
- Compatible with most Access Points / Adapters
- Ensures optimal coverage
- Setup is quick and simple
- Strong concentrated signal