



HD45B

- Supports 2.4GHz and 5GHz wireless devices simultaneously.
- Provides IEEE 802.11 a/b/g/n wireless LAN capability
 - 5 different Wireless Modes: Access Point, Bridge Client, Bridge Point to Point, Bridge Point to Multi-Point, AP Bridge WDS modes.
 - Supports 64/128-bit WEP, WPA, and WPA2 wireless data encryption.
 - Five wired LAN ports (10/100/1000M)
 - Provides IEEE 802.11a/b/g/n wireless LAN capability.
 - Support DHCP (Server/Client) for easy IP-address setup.

- PRODUCT OVERVIEW
- OUTDOOR WIRELESS
- NETWORKING
- INDOOR WIRELESS NETWORKING
- HI GAIN WIRELESS SOLUTIONS
- USB WIFI NETWORK ADAPTERS
- PRINT SERVERS
- WIRELESS AC

- DESCRIPTION
- SPECIFICATIONS
- HOW IT WORKS
- SUPPORT

Package Content	<ul style="list-style-type: none">• One Hi-Gain™ Dual Band Wireless-N Access Point/Bridge• Three 3dBi Hi-Gain Omni Directional Antennas• One Mac/PC CD• One RJ-45 Ethernet Cable• One Power Adapter 12V/1.25A• Quick Installation Guide
System Requirements	<ul style="list-style-type: none">• Computer or network device(s) with wired or wireless network interface card• Web browser (Microsoft Internet Explorer 4.0 or above, Netscape Navigator 4.7 or above, Opera web browser, Mozilla Firefox web browser or Safari web browser).• An available AC power socket (100 – 240 V, 50/60Hz)

Physical Specifications	<ul style="list-style-type: none"> Product Dimensions: 7 x 4.5 x 1.25 in Product Weight: 0.7 lb Temperature: Operating 0~40C; Storage: -20~60C Humidity: Operating 10~90% (Non Condensing) ; Storage Humidity: Max.95% (Non Condensing)
Interface Specifications:	<ul style="list-style-type: none"> Frequency: 2.4 GHz & 5.0 GHz LAN: Five 10/100/1000M (Auto-MDI/MDI-X) UTP Ports Data Rates*: Up to 750Mbps Operating Frequency Ranges (2.4GHz) Operating Frequency Ranges (5GHz) Security: 64/128-bit WEP, WPA, WPA2 securities, and IEEE 802.11x authentication. <p>* Maximum wireless signal rate complies with the IEEE 802.11 standard. Actual throughput will vary depending your network environment.</p>
Output Power (2.4GHz)	<p>”</p> <p>11b(11Mbps): 18±1.5dBm</p> <p>11g(54Mbps): 17±1.5dBm</p> <p>11n(20MHz, MCS15): 17±1.5dBm</p> <p>11n(40MHz, MCS15): 16±1.5dBm</p>
Output Power (5.0GHz)	<p>”</p> <p>11a(54Mbps): 15±1.5dBm</p> <p>11n(20MHz, MCS23): 14±1.5dBm</p> <p>11n(40MHz, MCS23): 14±1.5dBm</p>
Receive Sensitivity (2.4GHz)	<p>”</p> <p>11b(11Mbps): -86dBm±2dBm</p> <p>11g(54Mbps): -72dBm±2dBm</p> <p>11n(20MHz, MCS15): -66dBm±2dBm</p> <p>11n(40MHz, MCS15): -63dBm±2dBm</p>
Receive Sensitivity (5.0GHz)	<p>”</p> <p>11a(54Mbps): -72dBm±2dBm</p> <p>11n(20MHz, MCS23): -66dBm±2dBm</p> <p>11n(40MHz, MCS23): -63dBm±2dBm</p>
MIMO Technology:	<ul style="list-style-type: none"> 5GHz: 3T3R MIMO 2.4GHz: 2T2R MIMO

Antenna:	3dBi Dual Band Fixed Dipole Antenna x 3(3T3R for 5GHz and 2T2R for 2.4GHz)
Power:	12V, 1.25A Switch Power Adapter
Certificate	FCC

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