

## Product Highlights

### Share any Internet connection wirelessly

Share your home broadband connection, or share access to a Wi-Fi hotspot with multiple PCs and devices

### Share your files instantly

Plug any USB storage drive in and share it wirelessly with friends and family

### Portable and easy to use

Simply plug it into a power outlet to create an instant wireless network wherever you are



## DIR-505

# All-in-one Mobile Companion

## Features

### Multiple Operation Modes

- **Router Mode:** Share your broadband Internet connection wirelessly
- **AP Mode:** Create a private wireless network
- **Repeater Mode:** Extend the range of an existing wireless network
- **Wi-Fi Hot Spot Mode:** Share Internet access from a Wi-Fi hotspot with all your devices

### Connectivity

- Wireless 802.11g/b, compatible with 802.11n devices
- WAN/LAN 10/100 Ethernet port
- USB 2.0 port for connecting a USB storage drive

### Security

- WPA2/WPA/WEP wireless encryption with WPS
- Dual active firewalls - SPI and NAT

### SharePort™ Mobile<sup>1</sup>

- Plug in a USB storage drive to share files
- Access and play files through a web interface or the SharePort™ Mobile app for mobile devices

### Easy to Use

- One-piece wall-plug design is compact, portable, and does not require additional cables
- Built-in Setup Wizard and QRS Mobile app<sup>2</sup> for mobile devices guide you through installation
- Can be used as a USB charger for mobile devices<sup>3</sup>

The DIR-505 All-in-one Mobile Companion is a portable plug-in router that lets you share your Internet connection and your files all from a compact device that fits in your pocket. Tiny yet versatile, it gives you all the functionality of a router, access point, wireless repeater, and network storage drive in a device that fits in the palm of your hand.

## Multiple Modes for All Your Needs

The All-in-one Mobile Companion features multiple wireless modes, allowing it to adapt to any situation. Router Mode shares your broadband Internet connection wirelessly; just connect it to your cable or DSL modem to provide high-speed Internet access for an entire home or office. AP Mode lets you create a private wireless network instantly, making it perfect for sharing files during business meetings. Repeater Mode extends an existing wireless network, so you can place them anywhere in your home to extend the range of your existing wireless network. Wi-Fi Hot Spot mode lets you share an Internet connection coming from a wireless hotspot. This lets you share a wireless connection at a hotel or café with all your devices.

Additionally, Repeater Mode and Wi-Fi Hot Spot Mode let you connect any device with an Ethernet port, enabling it to connect to your network wirelessly. Connect an Xbox 360<sup>®</sup> or smart TV to a DIR-505 to give them the ability to connect to your router wirelessly while extending your home's wireless coverage at the same time.

## Share and Stream Files with Ease<sup>1</sup>

Connect a USB storage device to your All-in-one Mobile Companion to create a shared storage space, making it easy to share files between computers and devices connected to your network. Plug in a USB hard drive to stream your library of videos and music to your laptop, or use a USB flash drive to share presentation files with other team members. An easy to use web interface lets you access, upload, and play files stored on your USB drive, and the SharePort™ Mobile app for mobile devices allows you to back up photos and videos stored your device. You can even customize your shared storage space by creating separate accounts to control access to the USB drive, so you can share your music with everyone but keep your personal files private.

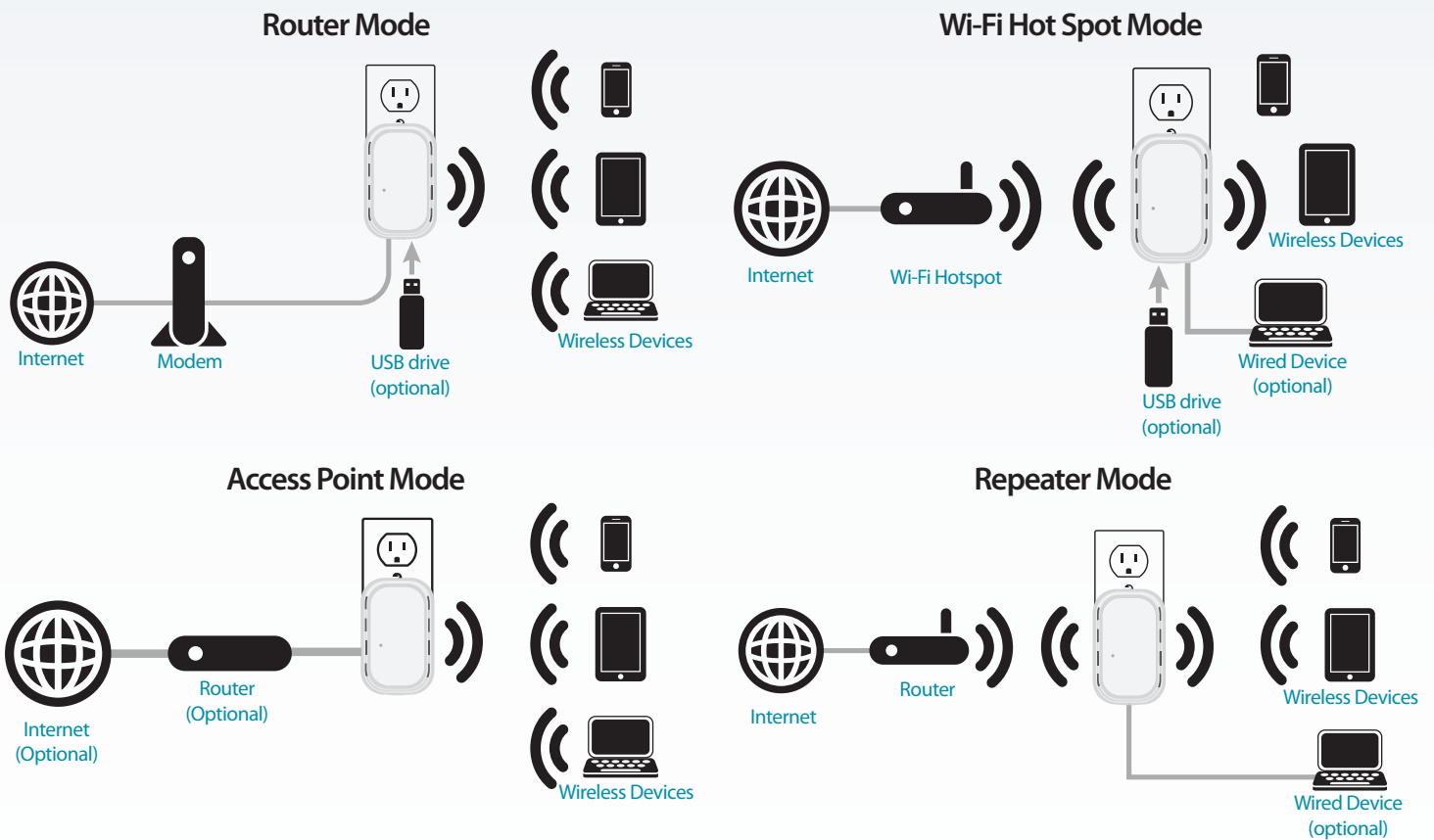
The DIR-505 can also be used as a media server for your home, and includes a built-in DLNA server to stream media stored on your USB storage drive to any DLNA compliant player, including the PlayStation 3<sup>®</sup> and Xbox 360<sup>®</sup>.

**Take It with You**

For easy connectivity and file sharing on the go, the DIR-505 is ideal. Its compact design fits easily in your pocket, and is ready to use by simply plugging it in. You can leave your mobile device chargers at home, as the All-in-one Mobile Companion can be used as a USB charger to power your smartphone on the go.

**Easy to Set Up, Easy to Use**

Setting up the All-in-one Mobile Companion is simple. Just plug it in, connect to it wirelessly with a PC or mobile device, and follow the steps in the built-in Setup Wizard to configure the DIR-505. Alternatively, you can use the QRS Mobile app for mobile devices to take you step by step through the setup process.<sup>2,4</sup>



**Technical Specifications**

**General**

Device Interfaces	<ul style="list-style-type: none"> <li>• 802.11n/g/b wireless</li> <li>• WAN/LAN 10/100 Ethernet port</li> <li>• WPS button</li> </ul>	<ul style="list-style-type: none"> <li>• USB 2.0 port</li> <li>• Reset button</li> </ul>
LEDs	<ul style="list-style-type: none"> <li>• Status/WPS</li> </ul>	
Standards	<ul style="list-style-type: none"> <li>• IEEE 802.11g/b, compatible with 802.11n devices</li> <li>• IEEE 802.3</li> </ul>	<ul style="list-style-type: none"> <li>• IEEE 802.3u</li> <li>• USB 2.0</li> </ul>
Wireless Modes	<ul style="list-style-type: none"> <li>• Router Mode</li> <li>• Access Point Mode</li> </ul>	<ul style="list-style-type: none"> <li>• Repeater Mode</li> <li>• Wi-Fi Hot Spot Mode</li> </ul>
Wireless Frequency Range	<ul style="list-style-type: none"> <li>• 2.4 GHz to 2.4835 GHz</li> </ul>	
Antennas	<ul style="list-style-type: none"> <li>• Internal antenna</li> </ul>	
Plug Type	<ul style="list-style-type: none"> <li>• Region dependent</li> </ul>	

# DIR-505 All-in-one Mobile Companion

Functionality		
Security	<ul style="list-style-type: none"> <li>• Wi-Fi Protected Access (WPA/WPA2)</li> <li>• WEP 64/128-bit encryption</li> </ul>	<ul style="list-style-type: none"> <li>• WPS (PBC/PIN)</li> </ul>
Advanced Features	<ul style="list-style-type: none"> <li>• Quick Router Setup app support (iOS, Android<sup>4</sup>)</li> <li>• SharePort™ Mobile app support (iOS, Android)</li> <li>• SharePort™ Web File Access support</li> <li>• DLNA Media Server</li> </ul>	<ul style="list-style-type: none"> <li>• Guest Zone support<sup>5</sup></li> <li>• UPnP support</li> <li>• Wi-Fi WMM Quality of Service (QoS)</li> </ul>
Advanced Firewall Features	<ul style="list-style-type: none"> <li>• Network Address Translation (NAT)</li> <li>• Stateful Packet Inspection (SPI)</li> <li>• DMZ support</li> </ul>	<ul style="list-style-type: none"> <li>• MAC address filtering</li> <li>• Website filtering</li> </ul>
Device Management	<ul style="list-style-type: none"> <li>• Web UI</li> </ul>	
Physical		
Dimensions	<ul style="list-style-type: none"> <li>• 68 x 42 x 51 mm (2.68 x 1.65 x 2 inches)</li> </ul>	
Weight	<ul style="list-style-type: none"> <li>• 113.4 grams (0.25 lbs)</li> </ul>	
Power	<ul style="list-style-type: none"> <li>• Input: 100 to 240 V AC, 50/60 Hz</li> </ul>	<ul style="list-style-type: none"> <li>• Output: 5 V DC, 750 mA (via USB port)</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>• Operating: 0 to 40 °C (32 to 104 °F)</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: -20 to 65 °C (-4 to 149 °F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Operating: 0% to 90% non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: 5% to 95% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• CE</li> <li>• FCC</li> <li>• IC</li> <li>• C-Tick</li> </ul>	<ul style="list-style-type: none"> <li>• UL</li> <li>• DLNA</li> <li>• Wi-Fi Certified</li> </ul>
Order Information		
<i>Part Number</i>	<i>Description</i>	
DIR-505	All-in-one Mobile Companion	

<sup>1</sup> SharePort™ Mobile and sharing features available in Router Mode and Wi-Fi Hot Spot Mode only.

<sup>2</sup> QRS Mobile app is for Router Mode only.

<sup>3</sup> Standard mobile devices only; high-power mobile devices such as the iPad cannot be charged with the DIR-505.

<sup>4</sup> Android app available soon.

<sup>5</sup> Router mode only.

Updated 05/04/12