



# Travel Router with Wireless-N

Model 4506

links 3G, 4G LTE™, DSL, or Cable Internet to all your WiFi® devices

- **Plug in your modem or your smartphone, then computers, phones, and other WiFi devices all share high-speed Internet!**
- **Powered by its rechargeable battery or its power cube.**
- **Works where you are – home, office, outdoors...**



**Pocket Sized:**  
3 inches x 4.2 inches x .9 inches  
4.9 ounces

## Wireless-N Travel Router for 3G/4G USB Modems, Smartphones and Fixed Broadband

Now you and your associates with WiFi-enabled devices can share a mobile or fixed broadband connection to the Internet. Computers, tablets, handhelds, gaming devices, music players, e-readers and more can access the Internet wherever you can use a broadband modem. Just plug in a 3G/4G USB modem, compatible smartphone or fixed broadband modem, and then all the WiFi devices you choose have fast, easy Internet access. Use it for just yourself, or share it with family members, friends, or business associates.

The Zoom Travel Router works anywhere your mobile or fixed broadband modem works - in a car, at home or wherever you work: outdoors, at the airport, in a hotel, at a trade show, or almost anywhere you can imagine.

You don't even need a power outlet! The Travel Router works for up to 7\* hours on its built-in rechargeable lithium-ion battery. It also works and recharges when its small power cube is plugged into a power outlet. When using the AC power adapter, the Model 4506 will charge a tethered smartphone.

The Travel Router is pocket-sized and light, so it's easy to bring with you. And its wireless-N networking capability is fast, with extended range for maximum mobility.

The Travel Router can expand the range and enhance the data rate of your mobile broadband connections. Place the Travel Router and 3G/4G modem or smartphone where the cellular signal strength is best. Then the Travel Router will complete the local connection to client devices with a robust wireless-N signal.

With support for wireless-N, B and G, the Travel Router is compatible with the full range of WiFi devices. All the popular wireless security modes are supported, including WEP, WPA, WPA2, and WPS, so it's easy to control who has access to your broadband connection.

The Model 4506 packs powerful router capabilities into its small size, with advanced features like SPI firewall, VPN pass-through, remote management, Universal Plug and Play, support for up to 253 simultaneous users, and other advanced router functions. The Model 4506 also supports a wide range of connection approaches to your Internet Service Provider, including static IP, dynamic IP (DHCP client), PPTP, L2TP, PPPoE, 3G and 4G LTE.

An ADSL or cable modem can be plugged into the Ethernet port to add router and security features to your fixed broadband service. Add a 3G or 4G LTE modem to the setup for a cellular broadband backup to your wired Internet connection.

The Travel Router is widely compatible with USB mobile broadband modems and a growing list of smartphones. Zoom regularly updates the Model 4506 to support new devices. Please check [www.zoomtel.com/travelrouter/comp](http://www.zoomtel.com/travelrouter/comp) for the updated list.

## Model 4506



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## Travel Router with Wireless-N

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|---|--|
| Wireless LAN standards                        | IEEE 802.11n, IEEE 802.11b/g   |
| Interfaces                                    | 1 X RJ45, 10/100 Mbps selectable for either a WAN or LAN connection<br>1 X USB 2.0 Host<br>WPS button, power switch, reset button  |
| Wireless LAN security                         | 64/128 bit WEP (Wired Equivalent Privacy);<br>WPA (WiFi Protected Access) and WPA2 with Pass Phrase;<br>SSID stealth; WPS for easy security setup  |
| Internet security                             | Stateful Packet Inspection (SPI) Firewall<br>Network Address Translation (NAT)<br>Denial of Service (DoS) attack detection<br>Virtual Private Networking (VPN) pass through<br>MAC, Packet, and Domain name filtering<br>URL Blocking  |
| Management                                    | Universal Plug and Play (UPnP)<br>Browser based management<br>Wizard-assisted setup<br>Simple Network Management Protocol (SNMP support)   |
| Advanced router functions                     | Quality of Service (QoS) support<br>URL Blocking/Filtering (parental control)<br>Scheduling rules (parental control)<br>Virtual Server, Port triggering, and DMZ host<br>Dynamic DNS<br>Configuration Backup/Restore<br>Wireless Multimedia Extension (WME), WiFi Multimedia (WMM) support   |
| Supported WAN protocols                       | 3G; 4G LTE; Static IP Address; Dynamic IP Address; PPP over Ethernet; PPTP WAN type;<br>L2TP WAN type  |
| Antenna                                       | One internal antenna   |
| Battery                                       | Lithium Ion, 3.7 Volt 1700 mAh   |
| Power adapter output                          | 5 Volts, 2.0 Amps  |
| Transmission rates                            | Maximum physical rate of up to 150 Mbps in 802.11n mode<br>6/9/11/12/18/24/36/48/54 Mbps in 802.11g mode<br>1/2/5.5/11 Mbps in 802.11b mode  |
| Range coverage                                | Indoors: up to 100 meters (330 feet), depending upon the environment<br>Outdoors: up to 300 meters (990 feet), depending upon the environment  |
| LED status indicators                         | Four indicators, reporting:<br>- presence, source and status of power (battery power and level of power, battery charging, operating from power adapter)<br>- LAN connection using Ethernet, data being transferred<br>- 3G/4G WAN connection established, data being transferred<br>- Wireless LAN connection available, data being transferred |
| Wireless LAN channels frequency range         | United States (FCC) channel 1 through 11<br>Europe (ETSI) channel 1 through 13   |
| Dimensions                                    | 3 inches X 4.2 inches X .9 inches<br>7.6 cm X 10.6 cm X 2.2 cm   |
| Weight  | 4.9 ounces, including battery  |
| Operating temperature non-condensing humidity | 0 to 40 degrees Centigrade, 1% to 90%  |
| Storage temperature non-condensing humidity   | -10 to 70 degrees Centigrade, 0% to 90%  |
| Certifications                                | FCC, CE, Industry Canada, RSS-210, RoHS compliant  |
| Warranty                                      | One year   |

### Compatibility with USB mobile broadband modems and smartphones

The Zoom Wireless-N Travel Router is compatible with almost every mobile broadband USB modem ever built, including modems from AT&T®, Novatel™, Sprint™, Sierra Wireless™, T-Mobile®, Verizon®, Virgin®, and many more. The Travel Router also supports phone tethering for the iPhone® and certain smartphone models from BlackBerry®, HTC™, Motorola®, Nokia®, and others. To check compatibility, please go to [www.zoomtel.com/travelrouter/comp](http://www.zoomtel.com/travelrouter/comp)

|                  |   |
|------------------|---|
| Package contents | Wireless-N Travel Router<br>Rechargeable lithium-ion battery<br>Ethernet cable<br>Setup CD<br>Power adapter |
|------------------|---|

\* Fully charged battery allows over 3 hours of active WiFi data transfer, 7 hours of stand-by operation. Battery charge time from fully discharged to fully charged is typically 2.5 hours.