



## Wireless 150N Portable 3G Router

150 Mbps, 3G, rechargeable Li-ion battery

Part No.: **524803**

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The INTELLINET NETWORK SOLUTIONS Wireless 150N Portable 3G Router is the latest in wireless networking. Taking advantage of new technology, a wireless network can now see greatly enhanced network speeds and the convenience of 3G mobile technology.

### Shares 3G / 3.5G Internet Connection

The INTELLINET NETWORK SOLUTIONS Wireless 150N Portable 3G Router is a high-speed wireless 3G broadband router that supports both UMTS/HSDPA and EVDO networks. When connecting a 3G / 3.5G USB modem\* to the router, all network (wired/wireless) users can share the 3G / 3.5G Internet connection. The Wireless 300N 3G Router can support 3G / 3.5G speed up to 7.2 Mbps.

### Multiple Solutions in One Device

The INTELLINET NETWORK SOLUTIONS Wireless 150N Portable 3G Router serves multiple purposes — an access point for your wireless network, a router for hard-wiring Ethernet devices — and brings it all together so that the devices can access a high-speed Internet connection.

### Automatic WAN Fail-Over

The INTELLINET NETWORK SOLUTIONS Wireless 150N Portable 3G Router supports automatic WAN fail-over function. When connecting with DSL/Cable broadband, the Wireless 150N Portable 3G Router will enable the DSL/Cable broadband connection automatically when a 3G / 3.5G Internet connection is not available. You can surf the Internet anywhere and anytime.

### Mobile Wi-Fi Hotspot

The Wireless 150N Portable 3G Router is equipped with a rechargeable Li-ion battery, allowing many hours of use when no electrical outlet is available, and the included car charger even lets you charge the device while you are on the road. Install the Wireless 150N Portable 3G Router in your vehicle and you have the perfect Wireless Hotspot on wheels!

\* For a complete list of compatible 3G USB modems, visit [www.intellinet-network.com](http://www.intellinet-network.com).

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## Features:

- Supports UMTS/HSDPA and EVDO 3G networks
- Share your 3G data connection among wireless devices
- Up to 150 Mbps network link speed
- Rechargeable Li-ion battery
- Extremely compact design
- Complies with 2.4 GHz IEEE 802.11n standard and is backward compatible with IEEE 802.11g/b standards
- Supports WMM function to meet the multimedia data bandwidth requirement
- Supports Wi-Fi Protected Setup (WPS)
- Supports WAN connection auto fail-over
- Supports WEP and WPA/WPA2 (TKIP and AES) data encryption
- DHCP server supports static lease management
- Supports virtual server, port forwarding and DMZ (demilitarized zone)
- Supports DDNS (dynamic DNS)
- Supports UPnP (Universal Plug and Play)
- Integrated anti-DOS firewall
- QoS (Quality of Service) bandwidth management
- VPN Passthrough (PPTP/IPSec)
- Integrated USB 2.0 port for UMTS/HSDPA and EVDO 3G modems
- Use INTELLINET NETWORK SOLUTIONS Wireless N adapters for the best compatibility and performance
- Easy installation through Web-based user interface
- Includes a carrying case and car charger
- Three-Year Warranty

## Specifications:

### Standards

- » IEEE 802.1d (Spanning Tree Protocol)
- » IEEE 802.11b (11 Mbps Wireless LAN)
- » IEEE 802.11g (54 Mbps Wireless LAN)
- » IEEE 802.11n (150 Mbps Wireless LAN)
- » IEEE 802.3 (10Base-T Ethernet)
- » IEEE 802.3u (100Base-TX Fast Ethernet)

### General

- » LAN/WAN port: RJ45 10/100 Mbps data ports
- » USB 2.0 port: 3G / 3.5G USB modem
- » Flash: 4 MB
- » Memory: 16 MB SDRAM
- » Certifications: FCC Class B, CE
- » For a complete list of compatible 3G USB modems, visit [www.intellinet-network.com](http://www.intellinet-network.com)

### Router

- » Supported WAN connection types:
  - 3G / 3.5G
  - Dynamic IP
  - Static IP
  - PPPoE
  - PPTP
  - L2TP
  - Telstra BigPond
- » Protocols:
  - CSMA/CA
  - CSMA/CD
  - TCP/IP
  - UDP
  - ICMP

- PPPoE
- NTP
- NAT
- DHCP
- DNS
- » NAT:
  - Virtual server
  - Port forwarding
  - Special applications (port trigger)
- » Firewall:
  - Access control based on MAC address
  - URL filter
  - DMZ (demilitarized zone)
- » Supports UPnP (Universal Plug and Play)
- » Supports DHCP (client/server)
- » Supports WPS (WiFi Protected Setup)
- » VPN passthrough: PPTP, IPSec protocol

#### Wireless

- » Chipset: Ralink RT3070
- » Wireless frequency range: 2.400 – 2.483 GHz
- » Modulation technologies:
  - 802.11b: Direct Sequence Spread Spectrum (DSSS): DBPSK, DQPSK, CCK
  - 802.11g: Orthogonal Frequency Division Multiplexing (OFDM): BPSK, QPSK, 16QAM, 64QAM
  - 802.11n: Orthogonal Frequency Division Multiplexing (OFDM): BPSK, QPSK, 16QAM, 64QAM
- » Channels:
  - USA & Canada: 11 channels
  - Europe: 13 channels
  - Japan: 14 channels
- » Data rates:
  - IEEE 802.11b (11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps)
  - IEEE 802.11g (54 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 18 Mbps, 12 Mbps, 9 Mbps, 6 Mbps)
  - IEEE 802.11n (MCS0-7: up to 150Mbps)
- » Output power:
  - OFDM: 14 dBm +/- 1 dBm (150 Mbps, 32 mW max.)
  - OFDM: 14 dBm +/- 1 dBm (54 Mbps, 32 mW max.)
  - CCK: 17 dBm +/- 1 dBm (11 Mbps, 63 mW max.)
- » Receiver sensitivity:
  - 11n (150 Mbps) MCS7: 20 MHz: -72 dBm; 40MHz: -70 dBm
  - 11g (54 Mbps) OFDM: -76 dBm
  - 11b (11 Mbps) CCK: -91 dBm
- » Wireless security:
  - WEP encryption (64/128 bit)
  - WPA TKIP
  - WPA2 AES
  - WPA2 mixed
  - WPA RADIUS
  - Client access control through media access control (MAC) filter
- » Antenna: 1 x internal

#### LEDs

- » Power/Charging
- » WLAN Link/Act
- » WPS
- » Ethernet Link/Act
- » Internet Link/Act

#### Environmental

- » Dimensions: 69 (W) x 112 (L) x 17 (H) mm (2.7 x 4.4 x 0.7 in.)
- » Weight: 0.75 kg (1.65 lbs.)
- » Operating temperature: 10 – 40°C (50 – 104°F)
- » Operating humidity: 10 – 90% RH, non-condensing
- » Storage temperature: -20 – 60°C (4 – 149°F)

#### Power

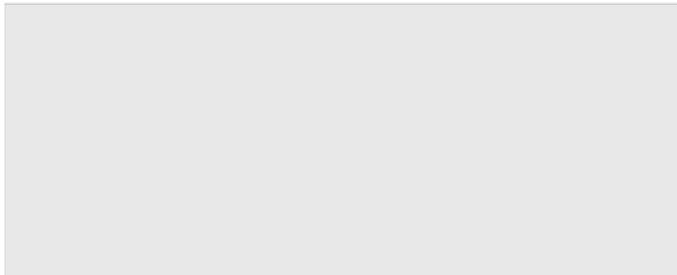
- » External power adapter: 5 V DC, 2.0 A
- » Mini-USB port for 5 V car charger or connection to regular USB port on computer or notebook

#### Package Contents

- » Wireless 150N Portable 3G Router
- » User manual
- » Power adapter
- » Li-ion battery
- » Ethernet Cat5 RJ45 cable: 1.0 m (3 ft.)
- » USB extension cable: 1.0 m (3 ft.)
- » Car charger
- » Carrying case



For more information on INTELLINET NETWORK SOLUTIONS products, consult your local dealer or visit [www.intellinet-network.com](http://www.intellinet-network.com).



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