



**INTELLINET**  
NETWORK SOLUTIONS

BRINGING NETWORKS TO LIFE



# Wireless G Broadband Travel Router

**Bring the convenience of wireless networking everywhere you go.**

**Model**  
523875

The INTELLINET NETWORK SOLUTIONS™ Wireless G Broadband Travel Router lets you carry a wireless network wherever you go. There's a built-in access point, which lets you connect Wireless G devices to the network. The router function ties it together and lets your PCs share a wired or wireless Internet connection. Use it in conference rooms, hotel rooms or even at hotspots.

## **Portable Networking**

Shares a wired or wireless Internet connection with Wireless G devices and Ethernet-wired PC. Create a temporary, personal, wireless access "bubble" in your hotel room. Just plug the Travel Router into the wall, and connect the hotel's Fast Ethernet service cable. Then follow the setup instructions to easily create an encryption-secured wireless connection.

## **Travel-Friendly Design**

The travel-friendly form factor includes a built-in power supply and antenna. And it's small enough to fit in your pocket.

## **High-Security Computing**

To protect your data and privacy, the Wireless G Broadband Travel Router can encode all wireless transmissions with WEP or extra-strength WPA personal encryption. The router can serve as a DHCP server, has a powerful SPI firewall to protect your PCs against intruders and most known Internet attacks, and supports VPN pass-through. Configuration is a snap with the Web browser-based configuration utility.

## **Lifetime Warranty**

Strict manufacturing standards ensure the highest quality in all INTELLINET NETWORK SOLUTIONS products. All items carry a full Lifetime Warranty — the strongest quality commitment anyone can make.





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## Features

- Compact design, great for traveling
- Up to 54 Mbps network data transfer rate
- Compatible with all 802.11b & g wireless products
- Supports WEP, WPA, WPA2 and IEEE 802.1x
- DHCP server assigns IP addresses for all LAN users
- Supports virtual server and DMZ (demilitarized zone)
- Supports MAC filtering for wireless clients
- Supports Access Point mode, Gateway (Router) and Client mode
- Supports UPNP (Universal Plug and Play)
- Supports VPN pass-through (IPSec, PPTP, L2TP)
- Content control through URL filter
- Remote management function (enable/disable and management port)
- Easy installation through Web-based user interface
- Lifetime Warranty

## Specifications

### STANDARDS

- IEEE 802.11b (11 Mbps Wireless LAN)
- IEEE 802.11g (54 Mbps Wireless LAN)
- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3u (100Base-TX Fast Ethernet)
- IEEE 802.1X (Network Access Control)

### GENERAL

- WAN/LAN port: 1 RJ-45 10/100 Mbps data port
- LAN to WAN throughput: 8 Mbps
- Flash: 4 MB
- Memory: 16 MB SDRAM

### CERTIFICATIONS & APPROVALS

- Safety: EN 60950
- EMC: FCC Part 15B Class B, CE EN 55022 Class B
- Wireless: FCC Part 15C Class B, CE EN 300 328, CE EN 301 489-1, CE EN 301 489-17

### ROUTER

- Chipset: Atheros AR2317
- Supported WAN connection types:
  - Dynamic IP (DHCP for cable service)
  - Static IP
  - PPPoE (for DSL)
- Protocols
  - CSMA/CA
  - CSMA/CD
  - TCP/IP
  - UDP
  - ICMP
  - PPPoE
  - NTP
  - NAT
  - DHCP
  - DNS

### NAT:

- Virtual server
- DMZ (demilitarized zone)
- Supports UPNP (Universal Plug and Play)
- Supports DHCP (client/server)
- Supports PPPoE (DSL), DHCP (cable) and static IP
- Supports VPN PPTP pass-through

### WIRELESS

- Chipset: Atheros AR2317
- Wireless frequency range: 2.300 – 2.500 GHz
- Modulation technologies:
  - 802.11b: Direct Sequence Spread Spectrum (DSSS): DBPSK, DQPSK, CCK
  - 802.11g: 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)
- Output power:
  - OFDM: 19 dBm +/- 1 dBm (54 Mbps, 79 mW max.)
  - CCK: 19 dBm +/- 1 dBm (11 Mbps, 79 mW max.)
- Receiver sensitivity: -68 dBm (54 Mbps); -82 dBm (11 Mbps)
- Maximum coverage distance:
  - Indoor: 100 m / 300 ft.
  - Outdoor: 300 m / 900 ft.

### Wireless security:

- WEP encryption (64/128 bit)
- WPA (TKIP and AES)
- WPA2 (TKIP and AES)
- IEEE 802.1x
- Client access control through media access control (MAC) filter
- Antenna: internal PCB antenna with 5 dBi gain

### LEDs

- Power
- Ethernet
- Wireless

### ENVIRONMENTAL

- Dimensions: 164 x 108 x 30 mm (WxLxH) (6.5 x 4.3 x 1.2 in.)
- Weight: 1.25 kg (2.7 lbs.)
- Operating temperature: 0 – 50°C (32 – 122°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -20 – 70°C (0 – 158°F)

### POWER

- Input: 100 – 240 V AC

### PACKAGE CONTENTS

- Wireless G Broadband Travel Router
- Printed quick install guide
- User manual on CD
- Ethernet Cat5 RJ-45 cable, 1.0 m (3 ft.)

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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