WIRELESS 150N PORTABLE 3G ROUTER

QUICK INSTALL GUIDE

MODEL 524803

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NETWORK SOLUTIONS

Thank you for purchasing the INTELLINET NETWORK SOLUTIONS™ Wireless 150N Portable 3G Router, Model 524803.

This quick install guide presents the basic steps required to set up and operate this device. For detailed instructions and specifications, refer to the user manual on the enclosed CD or at **www.intellinet-network.com**. Easy-to-follow instructions in this guide and the user manual help make installation of the switch quick and simple, so you'll soon be enjoying the benefits of these features:

- Supports UMTS/HSDPA and EVDO 3G networks
- Up to 150 Mbps network link speed
- Complies with 2.4 GHz Draft IEEE 802.11n standard and is backward compatible with IEEE 802.11g/b standards
- Supports WMM to meet the multimedia data bandwidth requirements
- 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
- Easy installation through Web-based user interface
- Lifetime Warranty

Package Contents
- Wireless 150N Portable 3G Router
- Quick install guide, plus user manual on CD
- Power adapter
- Built-in rechargable Li-ion battery
- Ethernet Cat5 RJ45 cable: 1.0 m (3 ft.)
- USB extension cable: 1.0 m (3 ft.)
- Carrying case and car charger

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N E T W O R K   S O L U T I O N S

REGULATORY STATEMENTS

Federal Communications Commission (FCC)

FCC Part 15

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio technician for help.

FCC Caution

This equipment must be installed and operated in accordance with provided instructions, and a minimum 20 cm spacing must be provided between computer mounted antenna and person's body (excluding extremities of hands, wrists and feet) during wireless modes of operation.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference; and 2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure set forth for an uncontrolled environment. In order to avoid the possibility of exceeding

the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20 cm (8 inches) during normal operation.
The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
The equipment marketed in the U.S. is restricted to usage of channels 1-11.

R&TTE Compliance Statement

This equipment complies with all the requirements of Directive 1999/5/EC of the European Parliament and the Council of March 9, 1999, on radio equipment and telecommunication terminal Equipment and the mutual recognition of their conformity (R&TTE).
The R&TTE Directive repeals and replaces in the directive 98/13/EEC (Telecommunications Terminal Equipment and Satellite Earth Station Equipment) as of April 8, 2000.

Safety
This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All guidelines of this and of the computer manufacture must therefore be allowed at all times to ensure the safe use of the equipment.

EU Countries Intended for Use
The ETSI version of this device is intended for home and office use in Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain, Sweden, and the United Kingdom.
The ETSI version of this device is also authorized for use in EFTA member states: Iceland, Liechtenstein, Norway, and Switzerland

EU Countries Not Intended for Use
None.

HARDWARE SETUP/CONNECTIONS

Charging the Battery

Before using the router, the battery needs to be charged. Charging the battery takes about four hours.

1. Remove the battery compartment cover on the back of the router, insert the included battery, then replace the cover, sliding it until the latch snaps securely back in place.

Cover

Battery

PWR/CHG LED

DC In

Power adapter

2. Plug the included power adapter into an AC outlet or an automobile's auxiliary power outlet, then connect it to the mini USB port on the router (DC In). While the router battery is charging, the PWR/CHG LED lights orange, then turns green when the router battery is fully charged.

3. On the left side panel, set the On/Off switch to On. *CAUTION:* Always switch the router off before removing the battery, and only use the battery and power adapter included with the router, as other types could be dangerous and damage the router.

LAN/WAN   WPS   ON/OFF
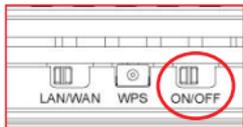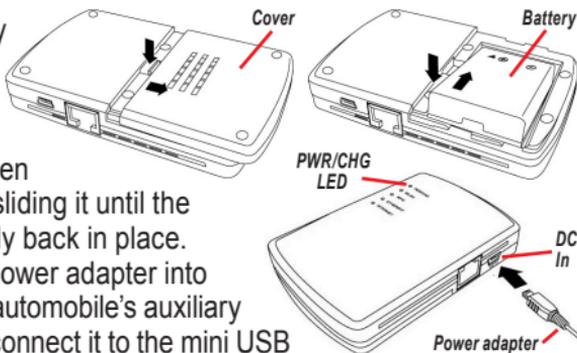
Network Connections

If needed, visit www.intellinet-network.com for a complete list of compatible 3G USB modems.

1. Connect your 3G / 3.5G USB modem to the USB port on the top panel of the router.

USB port

Modem
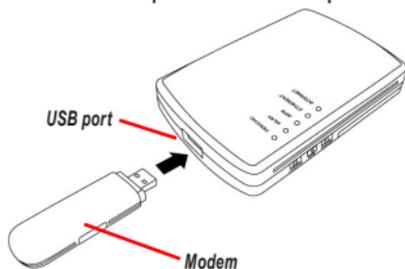
2. Connect your computer to the Ethernet port on the right side panel of the router. ***NOTE:*** It's recommended that you use a cable connection through the Ethernet port for the router's initial configuration. The PWR/CHG LED should be lighted green and the Ethernet LED should be on if the computer or other network device connected to the router's Ethernet port is turned on and connected properly.
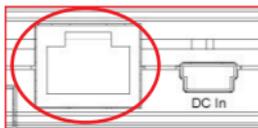
NETWORK SETUP

The following steps are for the preliminary network setup of the router using a Web browser, which will make the router operational and ready for advanced configuration based on procedures in the user manual. ***NOTE:*** Screen images of other Windows operating systems are similar. Some screen images have been modified to fit the format of this guide.

1. Set your computer to obtain an IP address from a wireless router: Click "Start" (typically located in the lower-left corner of your PC), then Control Panel; double-click Network Connections, then double-click Local Area Connection; and lastly, on the Local Area Connection Status screen, click "Properties."

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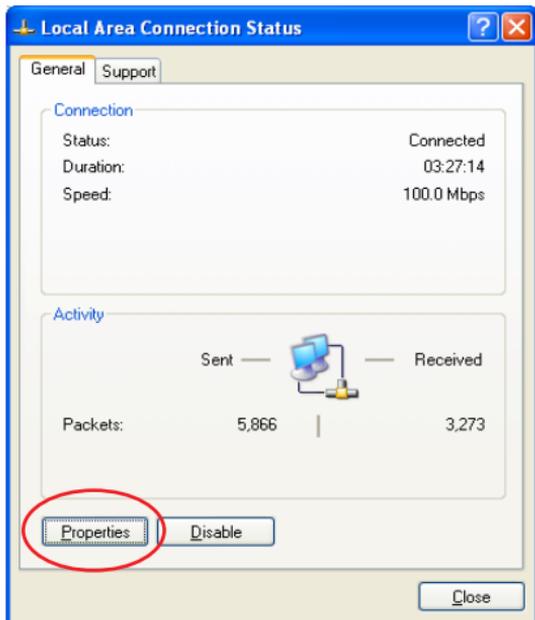
2. When the Local Area Connection Properties screen appears, select "Internet Protocol (TCP/IP)," then click "Properties."
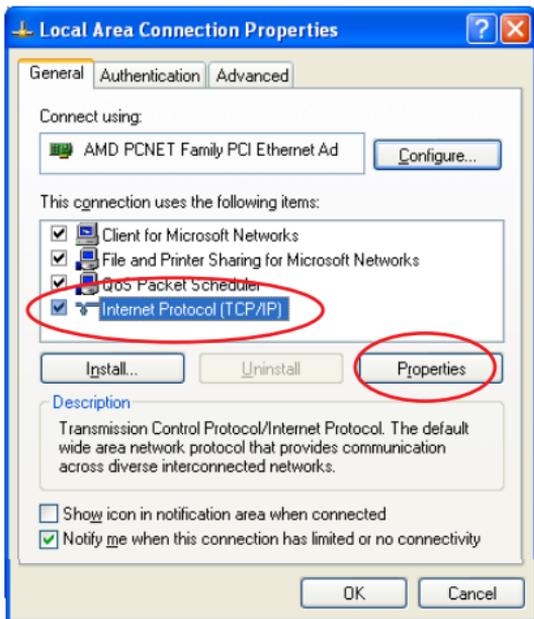
3. Select "Obtain an IP address automatically" and "Obtain DNS server address automatically," then click "OK."

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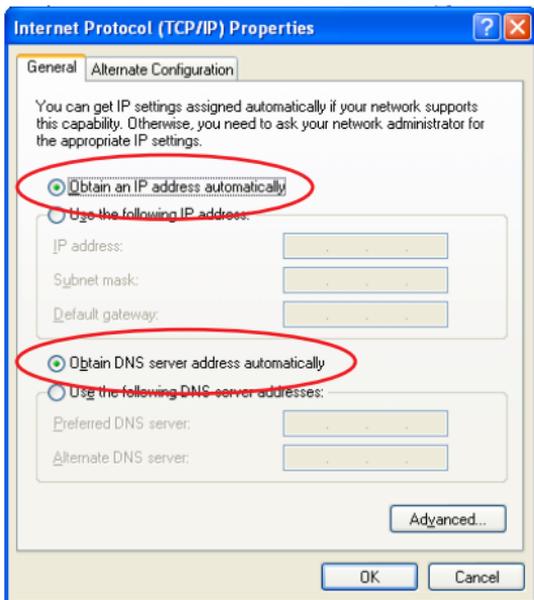
4. Once the IP address setup is complete, click "Start" on the desktop again, then click "Run." At the first DOS prompt, enter "cmd" and click "OK."
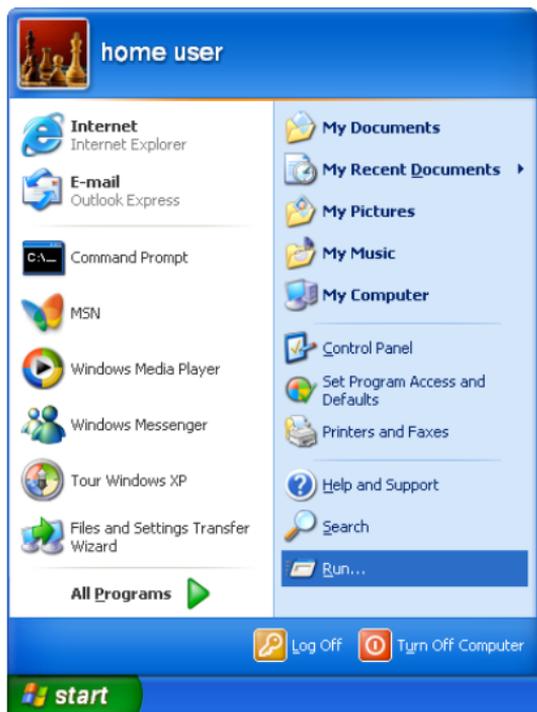
5. When the next prompt screen appears, enter "ipconfig," then press <Enter> on your keyboard. Note the IP address and default gateway.


```
C:\Documents and Settings\home user>ipconfig

Windows IP Configuration


Ethernet adapter Local Area Connection:

        Connection-specific DNS Suffix  . :
        IP Address. . . . . . . . . . . . : 192.168.2.3
        Subnet Mask . . . . . . . . . . . : 255.255.255.0
        Default Gateway . . . . . . . . . : 192.168.2.1

C:\Documents and Settings\home user>_
```

6. Open the Web browser and enter the IP address of the router in the address bar. When the prompt screen at right appears, enter "admin" (the default entry) in the "User name" text field; and "1234" (the default entry), in the "Password" text field. Click "OK" to access the Web management interface of the router.

7. When the main menu screen of the Web management interface displays, click "Quick Setup" on the left.
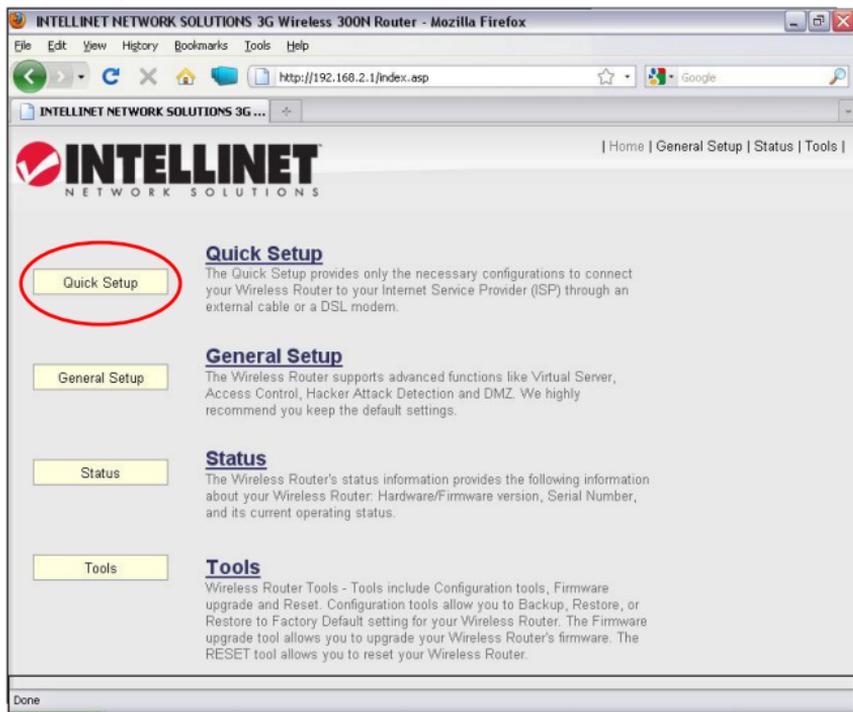
8. When the subsequent Time Zone screen displays, select your local time zone from the drop-down menu and click "Next."

Set Time Zone :	(GMT-06:00)Central Time (US & Canada)
Time Server Address :	192.43.244.18
Daylight Savings :	☑ Enable Function Times From January 1 To January 1

Next

9. When the subsequent Broadband Type screen displays, select "3/3.5G" from among the Internet connection options, then click "Next."

○ **3/3.5G**
If you connect to Internet using an 3G/3.5G handset or 3G/3.5G USB modem, then you should choose this option and enter the required information.
○ **Cable Modem**
A connection through a cable modem requires minimal configuration. When you set up an account with your Cable provider, the Cable provider and your Wireless Router will automatically establish a connection, so you probably do not need to enter anything more.

○ **Fixed-IP xDSL**
Some xDSL Internet Service Providers may assign a Fixed IP Address for your Wireless Router. If you have been provided with this information, choose this option and enter the assigned IP Address, Subnet Mask, Gateway IP Address and DNS IP Address for your Wireless Router.

10. Enter the Internet connection parameters required by your 3G/3.5G service provider, then click "OK."

3G/3.5G

Enter the User Name, Password, APN, PIN Code and Dialed Number provided to you by your service provider in the appropriate fields.

● **3G/3.5G Settings :**

PIN Code :	
APN :	internet
User Name :	
Password :	
Verify Password :	
Service :	3G/3.5G Only (UMTS/HSPA/HSDPA)
AT Dial Script :	*99#

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11. With the Basic Settings screen displayed, make the selections/entries you prefer, then click "Next."

Basic Settings

This page allows you to define ESSID, and Channel for the wireless connection. These parameters are used for the wireless stations to connect to the Access Point.

Wireless Module : ⊙ Enable ○ Disable

Band :	2.4 GHz (B+G+N) ▾
SSID :	INTELLINET
Channel Number :	11 ▾
Associated Clients :	Show Active Clients

BACK   NEXT

12. To protect your wireless network, it's recommended that the security be enabled. Select a security type from the drop-down menu, enter the encryption key, then click "OK."

Security Settings

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.

Encryption :	Disable ▾

☐ Enable 802.1x Authentication

BACK   OK

13. When the prompt appears to restart the system, click "Apply." A status message will display, indicating that the router will be ready for operation in approximately 30 seconds. Once the router is ready for use, connect to any Internet site or open any Internet application to check that they're working properly.

NOTE: For detailed instructions about configuring all the useful features and options available with this Wireless 150N Portable 3G Router, refer to the user manual on the included CD.

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INTELLINET NETWORK SOLUTIONS™ offers a complete line
of active and passive networking products.
Ask your local computer dealer for more information or visit
www.intellinet-network.com.