

# 3Com® OfficeConnect® Wireless 54 Mbps 11g Travel Router

## DATA SHEET



- No larger than a deck of cards, the travel router provides secure wireless Internet access wherever a broadband connection is available
- Flexible operation modes offer security and connectivity options
  - Router/Firewall mode
  - Access Point mode
  - Client mode

### Key Benefits

#### Portable, Secure, High-Speed Internet Access

You can take it with you! With this lightweight, compact travel router, you can create a private wireless hotspot for yourself or up to 16 users. The travel router's IEEE 802.11g support handles 54 Mbps data transfer rates—five times faster than the speed of IEEE 802.11b networks—for rapid throughput of even large multimedia files.

Backward compatible with 11b users, the travel router also supports a range of clients. With its internal antenna, compact form, and convenient carry case, the travel router transports and sets up easily for instant secure wireless access to the Internet wherever a wireless broadband connection is available.

#### Versatile, Multi-Mode Operation

With a flick of a thumb switch, you can choose between four operation modes—configuration, router, access point (AP)

or client—to fit different security and communication needs. Wireless users connect to the travel router over secure 802.11g 54 Mbps connections in AP or Router mode; a wired user connects through the travel router's 10/100 Ethernet port as a wireless client in Client mode.

#### Strong Security

Advanced Wi-Fi Protected Access (WPA) and Wireless Equivalent Privacy (WEP) encryption help secure the privacy of the private hotspot network. In Router mode, a stateful packet inspection firewall adds another layer of defense against Internet threats, while virtual private network (VPN) support securely connects remote sites and workers.

#### Simple Installation and Use

A familiar Web browser interface and helpful setup wizard make installation and configuration easy.

## Features

	Description
<b>FLEXIBLE HIGH-SPEED INTERNET ACCESS</b>	
Wired or wireless user support	Shares secure high-speed Internet access among wireless users, or provides wireless access for one wired user.
OS-independent client support	Accommodates many types of user operating systems, including Windows, Macintosh, Unix and Linux.
IEEE 802.11g standard support	54 Mbps data rate is five times faster than IEEE 802.11b networks, and is backward compatible with 11b clients, preserving existing equipment investment.
Wireless network connection	Avoids cabling effort and costs, and enables users to set up a wireless hotspot in any convenient location.
<b>SIMPLE INSTALLATION &amp; FLEXIBLE OPERATION</b>	
Compact size, convenient travel case	No larger than a deck of cards, the travel router packs neatly into a briefcase or overnight bag.
Web browser interface, setup wizard	Make installation and configuration an easy task, even for novice users.
Four operation modes	Configuration mode is used for setup; access point and router modes support up to 16 wireless clients; client mode supports one Ethernet client or device.
<b>SECURE USE</b>	
WPA and WEP encryption	Advanced WPA encryption and basic WEP encryption help protect wireless communications.
VPN passthrough (Router, AP, Client modes)	Supports secure tunnels with remote sites or users over the Internet.
Stateful packet inspection firewall with hacker pattern detection and Denial of Service (DoS) support (Router mode)	Provides a strong layer of defense against intrusions and attacks from over the Internet.

## Wireless Travel Router Applications

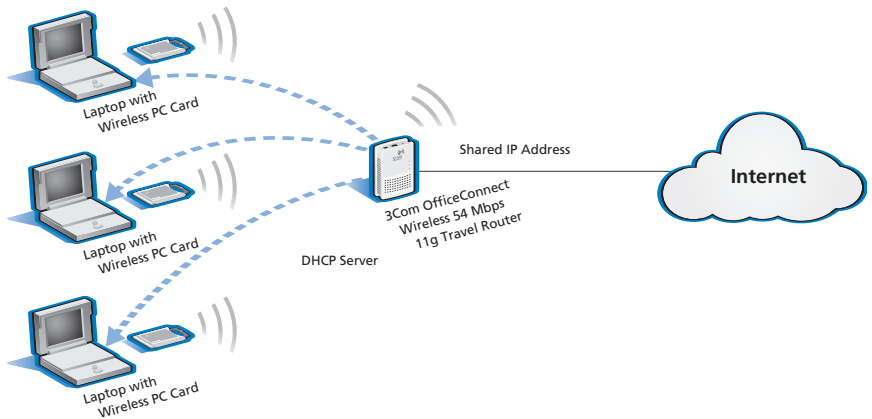
With its compact size and operation simplicity, the 3Com® OfficeConnect® Wireless 54 Mbps 11g Travel Router is ideal for many applications:

- On the road, keep in contact with coworkers, clients, friends, and family

- In the office, establish temporary wireless workgroups
- In the home and home office, share your high-speed DSL or cable connection with other computers

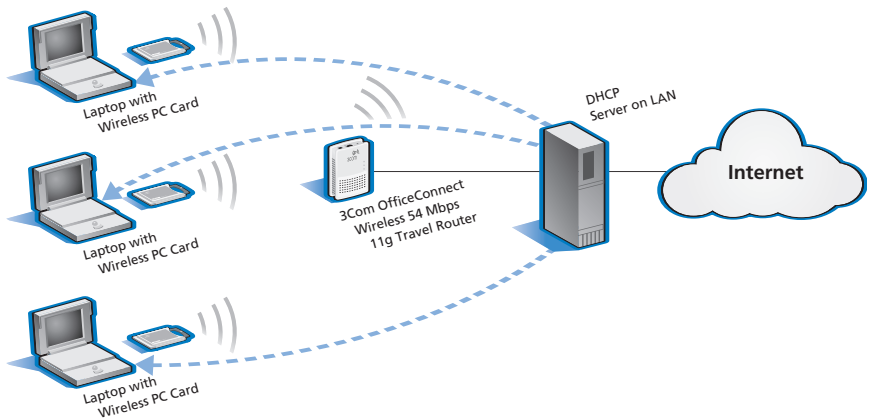
### Router Mode

In router mode, the 3Com OfficeConnect Wireless 54 Mbps 11g Travel Router acts as a DHCP server, allocating IP addresses for wireless clients. It also acts as a wireless NAT router with stateful packet inspection firewall, sharing the IP address on the Ethernet (LAN/WAN) port with all wireless clients, protecting them from direct exposure to the Internet.



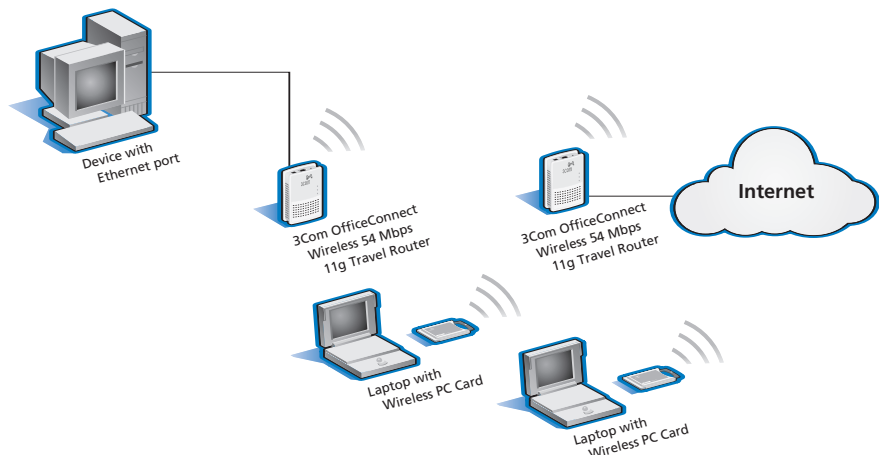
### Access Point Mode

In AP mode, the OfficeConnect Wireless Wireless 54 Mbps 11g Travel Router connects wireless clients to each other through wireless 11g connections, and to the LAN through its Ethernet port. Choose AP mode when you want wireless clients to use a DHCP server on the LAN.



### Client Mode

In client mode, the OfficeConnect Wireless Wireless 54 Mbps 11g Travel Router connects a PC (or other device) that does not have a wireless interface to the WLAN. The PC connects to the Ethernet port on the travel router; the travel router connects to the WLAN through another travel router, access point, or gateway.



## Specifications

### Minimum System Requirements

Operating system that supports an Ethernet connection with an IP stack.

Computers with an Ethernet 10BASE-T or 10/100 interface configured for LAN communication or wireless IEEE 802.11b/g PC Cards or USB adapters for WLAN communication.

High-speed Internet access requires an active DSL or cable connection provided by an Internet service provider (ISP).

### Interfaces

*Ethernet:* RJ-45, 10BASE-T/100BASE-TX

The Ethernet port functions as an input or an output depending on the mode.

*WLAN:* 802.11g/b Wi-Fi compliant

### Wireless Data Rates

*802.11g:* 54, 48, 36, 24, 18, 12, 9 and 6 Mbps

*802.11b:* 11, 5.5, 2 and 1 Mbps

### Frequency Band

*802.11b/g:* 2.4-2.4835 GHz

### 2.4-2.4835 GHz

Transmit Range

*11g (54Mbps):* 30 m (96 ft) obstructed, maximum;

60m (197 ft) unobstructed, maximum

*11b (11Mbps):* 50 m (164 ft) obstructed, maximum;

150m (492 ft) unobstructed, maximum

### Antenna

Internal antenna: 1 dB maximum

### Transmit Power

18.79dBm. 76 mW

### Receiver Sensitivity

1 Mbps: -94 dBm

2 Mbps: -92 dBm

5.5 Mbps: - 92 dBm

6 Mbps: -90 dBm

11 Mbps: -84 dBm

12 Mbps: -85 dBm

24 Mbps: -82 dBm

36 Mbps: -78 dBm

48 Mbps: -75 dBm

54 Mbps: -76 dBm

### Channels

Channel 1-11 (United States, Canada, Mexico, Columbia, Taiwan); Channels 1-13 (rest of world)

### Operating Systems

Windows 95/98/2000/NT/Me/XP; Macintosh OS 9.X and higher, Unix

### Security

WPA, 40-/64-/128-bit WEP shared-key encryption, Open/shared key wireless authentication, SSID broadcast enable/disable, VPN passthrough with PPTP, IPSec, L2TP support, MAC address

### Router Mode Features

NAT

DHCP Server/Client

Stateful packet inspection firewall, DoS protection

Dynamic DNS

UPnP

Virtual servers/special application support

DMZ

PPPoE, PPTP for DSL connection

Dial-on-Demand and auto-disconnect

### Dimensions

*Length:* 10.2 cm (4 in)

*Width:* 7.0 cm (2.8 in)

*Height:* 2.2 cm (1 in)

### Standards Conformance

IEEE 802.11g, IEEE 802.11b, IEEE 802.3, HTTP, WEP, WPA

### Power Supply:

5VDC, 2 Amp

### Regulatory/Agency Approvals

*EMC:*

FCC Part 15 Subpart C: 15.247, 15.207

CE

EN 301 489-1/-17 (EN55022 and EN55024)

EN 300 328 -1/-2

C-Tick

Canada ICES-003, RSS210

*Safety:*

EN 60950-1: 2001

UL 60950

R&TTE Art6.4

Taiwan DGT

### Configuration and Management

Embedded HTTP Web management, setup wizard

### LED Indicators

Power, Ethernet Activity, WLAN Activity

### Environmental Operating Ranges

*Operating Temperature:* 0 to 40°C (32 to 104°F)

*Storage Temperature:* -20 to 70°C (-4 to 158°F)

### Package Contents

3Com OfficeConnect Wireless 54Mbps 11g Travel Router

Power supply

Travel case

RJ45 cable

Quick Start guide

Warranty sheet

### Warranty Summary

Three (3) Year hardware warranty. Refer to [www.3com.com/warranty](http://www.3com.com/warranty) for details.

## Ordering Information

PRODUCT DESCRIPTION	3COM SKU
3Com OfficeConnect Wireless 54 Mbps 11g Travel Router	3CRTRV10075
<b>Related products</b>	
3Com OfficeConnect ADSL Wireless 11g Firewall Router	3CRWE754G72-B
3Com OfficeConnect ADSL Wireless 11g Firewall Router	3CWRE754G72-A
3Com OfficeConnect Wireless 11g Cable/DSL Router	3CRWE554G72TU
3Com OfficeConnect Wireless 11g Cable/DSL Router	3CRWE554G72T
3Com OfficeConnect Wireless 54 Mbps 11g Print Server	3CRWPS10075
3Com OfficeConnect Wireless 11a/b/g Access Point	3CRWE454A72
3Com OfficeConnect Wireless 11g Access Point	3CRWE454G72
3Com OfficeConnect Wireless 108 Mbps 11g XJACK PC Card	3CRXJK10075
3Com OfficeConnect Wireless 54 Mbps 11g Compact USB Adapter	3CRUSB10075
3Com OfficeConnect Wireless 11g USB Adapter	3CRWE254G72
3Com OfficeConnect Wireless 11a/b/g PC Card	3CRWE154A72
3Com OfficeConnect Wireless 11g PC Card	3CRWE154G72

Wireless product not available in all countries – please check with your local reseller or 3Com office for local availability.



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