



DATA SHEET

3Com® OfficeConnect® Wireless 11g Cable/DSL Gateway

Key Benefits

Shared Internet Access for Wireless and Wired Users

The 3Com OfficeConnect Wireless 11g Cable/DSL Gateway allows up to 253 total (128 wireless) users to economically and securely share a single cable or DSL connection. A high-speed routing engine and 54 Mbps wireless throughput easily handle large data transfers and Internet downloads, including those from multimedia applications.

High-Speed Wireless Connectivity

The 3Com gateway router provides a high-speed, 54 Mbps wireless connection for users with 802.11g-equipped PCs and laptops. It is also backward-compatible with 802.11b wireless LAN equipment, preserving existing network investments. Wi-Fi compatible, the 11g gateway router interoperates with other Wi-Fi products.

Advanced Security

Advanced wireless security and multiple firewall features offer the highest levels of protection for the network. To shield wireless connections, the 11g gateway router implements 256-bit WPA encryption for maximum security, along with 40/64- & 128-bit WEP encryption for legacy clients. A stateful packet inspection firewall, hacker pattern detection, URL filtering, and other security features help protect the entire network from attacks and other Internet security risks.

Reliable and Simple to Use

Designed to meet 3Com's proven standards of quality, reliability is assured and supported by a Limited Lifetime Hardware Warranty. Simple set-up wizards and an intuitive browser-based management interface make the 11g gateway router easy to own and use.

Features and Benefits

Features	Benefits
Shared Internet Access	
Wired and wireless user support	Supports up to 253 (128 wireless) simultaneous users on a single cable or DSL Internet connection to save time and money
NAT Turbo	Innovative NAT routing engine increases LAN-WAN throughput by up to 100 percent over standard NAT products
High-Speed Wireless Connectivity	
802.11g 54 Mbps wireless connections	Provides wireless connectivity at speeds almost five times faster than 802.11b
Backward compatible with 802.11b products	Supports high speeds and protects existing investments
Clear Channel Select	Selects the "quietest" available wireless channel
Advanced Security	
WPA (Wi-Fi Protected Access) and WEP (Wired Equivalent Privacy)	Advanced 256-bit WPA encryption for 11g networks; 40/64- and 128-bit WEP encryption for legacy wireless clients
Multi-level wireless security	Provides additional wireless security with SSID Broadcast Disable and MAC filtering
Stateful packet inspection and Hacker Pattern Detection firewall	Helps protect your network from hackers and intrusions
VPN pass-through	Permits secure connections to remote offices
URL filtering	Controls access to inappropriate web sites
Reliability and Ease of Use	
Set-up wizards and an intuitive web browser interface	Makes set up and configuration easy
Export wireless profiles	Imports wireless config files from the 11g gateway router to client PC Cards

Specifications

Minimum System Requirements

Any computer with an Ethernet 10BASE-T interface that is configured for Internet communication

Any operating system that supports an Ethernet connection with an IP stack (Installation CD requires Windows 95, Windows 98, Windows NT 4.0, Windows ME, Windows XP, or Windows 2000)

Cable or DSL modem with an Ethernet port and an active broadband connection

For wireless access, PC or laptops with 802.11g or 802.11b adapter cards

Dimensions and Weight

Height: 2.4 cm (1 in)
Width: 22 cm (8.7 in)
Depth: 13.5 cm (5.3 in)
Weight: 5.9 kg (1.3 lb)

Power

Supplied using external OfficeConnect power supply:
Operating input voltage: 10-30V
Operating frequency: 47-63Hz
Maximum power consumption: 6.5W

Environmental Range

Operating temperature:
 0° to 40°C (32° to 105°F)
Non-operating temperature:
 -40° to 70°C (-40° to 158°F)
Operating humidity:
 0 to 90% non-condensing

Wireless Hardware Components

IEEE 802.11g and IEEE 802.11b for Wireless LAN, 54, 48, 36, 24, 18, 12, 9, 6 Mbps or 11, 5.5, 2, 1 Mbps data rate per channel, Auto Fallback, 2.4-2.4835 GHz, Direct Sequence Spread Spectrum

Operating Range

Indoor maximum: 91m (298 ft)
Outdoor maximum: 457m (1,499 ft)

IP Protocol Set

Dynamic IP addressing
 Static IP addressing
 DHCP Server
 NAT/PAT (with TCP and UDP)
 NAT
 PPPoE
 PAP
 CHAP
 UDP
 IP
 TCP
 IPCP
 PPTP
 SNTP

Physical Ports

WAN: 1 autosensing 10BASE-T/100BASE-TX with Auto MDI/MDIX detection
LAN: 4 autosensing 10BASE-T/100BASE-TX

Privacy/Security

Advanced stateful packet inspection
 Hacker Pattern Detection
 URL or keyword filtering
 256-bit WPA encryption
 40/64-bit and 128-bit WEP
 SSID Broadcast Disable
 MAC address filtering
 NAT/PAT (with TCP and UDP)
 8 tunnel pass through for PPTP
 1 tunnel pass through for IPsec
 Event logging

Installation, Configuration, and Management

Wireless-installation and device-discovery wizards
 Export Wireless Profiles
 Browser-based administration
 Pre-set defaults
 Remote management
 Save and restore configuration files

LED Indicators

Power
 WAN port status—link, activity
 LAN ports status—link, speed and activity
 WLAN port status—link, activity
 Alert/diagnostics

Regulatory/Agency Approvals

Safety: UL 1950, EN 60950 CSA 22.7 #950, IEC 60950
Emissions: EN 55022 Class B, EN 55024, FCC Part 15, Class B, ICES-003 Class B, VCCI Class B, CNS 13438 Class A
Environmental: EN 60068 (IEC 68), UL Listed CSA certified

Package Contents

- 3Com OfficeConnect 11g Wireless Cable/DSL Gateway
- OfficeConnect power adapter
- Install Guide
- CD-ROM containing the Gateway Discovery program and the User Guide
- One straight-through category 5 UTP patch cable
- Four rubber feet

Warranty and Non-Warranty Services

Limited Lifetime Hardware Warranty. Refer to <http://www.3com.com> for details.

Ordering Information

3Com OfficeConnect Wireless 11g Cable/DSL Gateway	3CRWE554G72
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The 3Com OfficeConnect Wireless 11g Cable/DSL Gateway can be used with these 3Com products:

3Com OfficeConnect Wireless 11g Access Point	3CRWE454G72
3Com OfficeConnect Wireless 11g PC Card	3CRWE154G72
3Com 11 Mbps Wireless LAN Workgroup Bridge	3CWE83096A
3Com OfficeConnect 11 Mbps Wireless LAN CardBus PC Card	3CRSHPW796
3Com OfficeConnect 11 Mbps Wireless LAN PC Card with XJACK® Antenna	3CRSHPW196
3Com OfficeConnect 11 Mbps Wireless LAN USB Adapter	3CRSHEW696

Not approved for sale in all countries. Check with your nearest 3Com office for local availability.

