3Com® OfficeConnect® Secure Router

- Allows up to 253 users to economically share secure Internet access through an existing cable or DSL modem

- Multiple security features offer the highest levels of protection

- Automated setup wizards, preset defaults, and an intuitive browser-based user interface simplify installation and ongoing administration

Key Benefits

High Speed Shared Internet Access
The 3Com® OfficeConnect® Secure Router allows up to 253 users to economically share secure Internet access through an existing cable or DSL modem. A robust hardware platform delivers ultra fast performance. An integrated four-port 10/100 switch connects to multiple users or another LAN.

Advanced Security
The secure router has multiple security features that offer the highest levels of protection for the network. The product features an advanced stateful packet inspection firewall with hacker pattern detection and protection against denial of service attacks. Other features such as filtering and network-event logging further enhance security of always-on Internet connections. The product also supports VPN pass-through and initiation/termination of two VPN tunnels for secure remote access and office-to-office communication.

Feature Rich and Versatile
Features such as RIP, static routing and DHCP server give users quality performance and privacy in an economical package. Virtual server capabilities, support for special applications, dynamic DNS, URL filtering and other features provide small offices with flexibility and support a wide range of needs.

Reliable and Simple to Use
The 3Com OfficeConnect Secure Router is designed to meet 3Com's proven standards of quality, and reliability is assured by a 3 Year Hardware Warranty. Simple set-up wizards and an intuitive browser-based management interface make the router easy to install and use.

Features

	Description
HIGH SPEED SHARED INTERNET ACCESS	
NAT routing	Supports up to 253 simultaneous users on a single cable or DSL Internet connection
Robust hardware platform	Delivers unencrypted LAN-to-WAN through-put of 20 Mbps helping ensure maximum broadband speeds today and tomorrow
ADVANCED SECURITY	
Advanced stateful packet inspection firewall with hacker pattern detection and protection against denial of service attacks	Protects network from hackers and intrusions
VPN pass-through and initiation/termination of two VPN tunnels	Permit secure connections to remote offices
Event logging, Internet access control and security	Provides detailed information supporting Internet access, control and security

Features, *continued*

FEATURE RICH AND VERSATILE	
Dynamic DNS	Allows users connecting to the Internet with a dynamic IP address to use applications that require a static IP address, like web and ftp server setups. (Requires subscription with Dynamic DNS providers).
URL filtering	Controls access to inappropriate web sites
Virtual servers, support for special applications and virtual DMZ	Provide flexibility by setting up web services on the LAN without com promising security
RIP 1/2 and static routing	Allow the router to be used in multi-networked environments
Traffic metering	Helps monitor internet usage
RELIABILITY AND EASE OF USE	
Set-up wizards and an intuitive web browser interface	Simplifies installation and use
3 Year Hardware Warranty	Provides peace of mind

Specifications

End Station Compatibility
Any computer with an Ethernet 10BASE-T interface and an IP stack Cable or DSL modem with an Ethernet port and an active broadband connection
Installation CD requires
Windows 95, Windows 98, Windows NT 4.0, Windows 2000, or Windows XP

Dimensions and Weight
Width: 220mm
Height: 24.2mm
Depth: 135.4mm
Weight: 535g

Power
Supplied using External OfficeConnect 11W Power Supply
Operating input voltage: 10-30V
Operating frequency: 47-63Hz
Maximum power consumption: 7W

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

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

Physical Ports
WAN: 1 autosensing
10BASE-T/100BASE-TX port Ethernet (RJ-45) with Auto MDI/MDIX detection

LAN: 4 autosensing
10BASE-T/100BASE-TX Ethernet LAN (RJ-45) with Auto MDI/MDIX detection

Privacy/Security
NAT/PAT (with TCP and UDP)

Firewall
Stateful packet inspection firewall
Pre-configured filters for commonly used protocols
Security event logging
User-configurable filters for UDP and TCP packets with specific port numbers

Routing
RIP1 and 2
Static routing
URL Filtering
Dynamic DNS

VPN Support
VPN initiation, termination and pass-through for IPSec.
VPN termination and pass-through for PPTP.
VPN termination for L2TP/IPSec.
Compatible with Microsoft Point to Point Encryption (MPPE) with 40- and 128-bit session keys.
Compatible with IPSec encryption schemes and standards, including Internet Key Exchange, Hybrid Authentication Mode, ISAKMP/ Oakley DES and 3DES, AES-128 after 3DES, plus authentication by shared secret.

Installation, Configuration, and Management
Browser-based administration
Device-discovery wizards
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
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

Package Contents
• 3Com OfficeConnect Secure Router
• 3Com OfficeConnect 11W Power adapter
• Installation Guide
• CD ROM containing the Gateway Discovery Program and User Guide
• One 1m straight-through category 5 UTP patch cable
• Four rubber feet

Warranty Summary
3 Year Hardware Warranty. Refer to www.3com.com for details.

Ordering Information

PRODUCT DESCRIPTION	3COM SKU
3Com OfficeConnect Secure Router	3CR860-95

3com

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To learn more about 3Com solutions, visit www.3com.com. 3Com is publicly traded on NASDAQ under the symbol COMS.