3Com

3Com® OfficeConnect® VPN Firewall

DATA SHEET

- Prevents unauthorized network access using a stateful packet inspection firewall and blocks denial of service and other attacks

- Initiates and terminates up to 50 simultaneous VPNs for both site-to-site and user-to-site communication

- Enforces acceptable web usage policies with the optional premium content filter service.

Key Benefits

Cost-Effective Security for Small Businesses

The 3Com® OfficeConnect® VPN Firewall protects a private network by preventing unauthorized network access using a stateful packet inspection firewall and blocking denial of service and other attacks. The VPN firewall uses encryption to help secure connections across the Internet. Enforce acceptable web usage policies to improve productivity and reduce wasted Internet bandwidth with the optional premium content filter service. The service helps ensure Internet access is used for business related activities, and provides protection from legal and social liabilities related to unacceptable web content.

Multiple VPN Support

Designed for small businesses with multiple remote sites and workers, the firewall can initiate and terminate up to 50 simultaneous VPNs for both site-to-site and user-to-site communication. The VPN firewall supports IP security (IPSec) DES, 3DES and AES-128 protocols as well as PPTP and

L2TP protocols, giving you flexibility in the choice of VPN communication.

Advanced Traffic Management and Filtering

Traffic shaping prioritizes outbound and inbound traffic on user-definable service ports to ensure sufficient bandwidth for voice and multimedia.

Secure, Shared Internet Access

The VPN firewall allows up to 253 users to share secure access to the Internet through a single connection. This consolidation saves money by eliminating the need to purchase and maintain multiple lines and IP addresses.

Ease of Use

The firewall is designed to be easy to use for the novice user, yet flexible enough for more complicated configurations. Simple setup wizards and an intuitive web browser interface make installation and configuration quick and easy. DHCP and NAT support simplify configuration and management.

Features

	Description
SECURITY	
Stateful packet inspection firewall	Prevents unauthorized access and thwarts denial of service (DoS) and other common attacks.
Standards-based IPSec, PPTP and L2TP VPNs	Securely transmit data over the Internet using encryption to provide privacy without the cost of leased lines. Multiple VPN protocol support offers wide compatibility coverage with Windows VPN clients.
Security alerts	Event logs and LEDs direct attention to major security concerns.
Remote access authentication	Lets remote users access their private LAN via the Internet.
URL key word blocking and content filtering (optional)	Enforce acceptable web usage policies to improve productivity
AES-128, DES (56-bit) and 3DES (168-bit) IPSec encryption	Ensures data security and compatibility with most IPSec VPN terminators.
PERFORMANCE	
Traffic shaping	Prioritizes traffic on user-definable ports to guarantee bandwidth for voice and multimedia.
Hardware-assisted IPSec encryption	Helps ensure the VPN firewall will not be a bottleneck.
EASE OF USE	
Setup wizards and intuitive web browser interface	Make setup and configuration quick and easy.
Network Address Translation (NAT)	Enables LAN users to share a single public IP address.
Dynamic Host Configuration Protocol (DHCP)	Supplies network addresses to computers automatically, simplifying configuration and management.

Specifications

Dimensions & Weight
Width: 228mm (9.1in)
Height: 41.8mm (1.6in)
Depth 135.4mm (5.3in)
Weight: 535g (1.9lb)

Connectors
WAN: 1 autosensing
10BASE-T/100BASE-TX port (RJ-45) with auto MDI/MDIX

LAN: 4 autosensing
10BASE-T/100BASE-TX port (RJ-45) with auto MDI/MDIX

Protocol Support
Dynamic IP addressing

Static IP addressing

DHCP Server

NAT/PAT (with TCP and UDP),
PPPoE, PAP, CHAP, UDP,
IP TCP, IPCP, PPTP, SNTP

Firewall
Stateful packet inspection firewall

Pre-configured filters for commonly used protocols.

User-configurable filters for UDP and TCP packets with specific port numbers.

Routing
Static routing

RIP

DynDNS support

Traffic shaping

Web Filtering
Static web filtering

VPN Support
VPN initiation, termination and pass-through for IPSec

VPN termination and passthrough 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 AES-128, DES and 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, Activity

Alert / diagnostics

Power
Supplied using external OfficeConnect 11W power supply:
Operating input voltage: 10-30V
Operating frequency: 47-63Hz
Max. power consumption: 6.5W

Standards Compliance
Functional: ISO 8802/3;

IEEE 802.3

RegulatoryAgency Approvals
Safety: UL 1950; EN 60950; CSA 22.2 #950; IEC 950

Emissions: EN 55022 Class B; EN 50082-1; FCC Part 15 Class B; ICES-003 Class B; VCCI Class B; AS/NZS 3548 Class B; CISPR 22 Class B

Environmental: EN 60068 (IEC 68)

Package Contents
• 3Com® OfficeConnect® VPN Firewall
• User Guide
• OfficeConnect 11W power adapter
• One-piece clipping system
• Four rubber feet
• CD-ROM
• Ethernet cable

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

Ordering Information

PRODUCT DESCRIPTION	3COM SKU
3Com OfficeConnect VPN Firewall	3CR870-95
The 3Com OfficeConnect VPN Firewall can be used with these 3Com products:	
3Com OfficeConnect Content Filter Service	3CSBCFS
3Com OfficeConnect Wireless 11g Access Point	3CRWE454G72
3Com OfficeConnect 11Mbps Wireless Access Point	3CRWE41196
3Com OfficeConnect Dual Speed Switch 5 Plus	3C16790
3Com OfficeConnect Dual Speed Switch 8 Plus	3C16791
3Com OfficeConnect Dual Speed Switch 16 Plus	3C16792
3Com OfficeConnect Switch 5	3C16793
3Com OfficeConnect Switch 8	3C16794