Cyberoam CR15iNG UTM Firewall

Product Name: Cyberoam CR15iNG UTM Firewall

Manufacturer: -

Model Number: CR15iNG

Please note: This product has been discontinued. Please see the CR25iNG as an alternative product.

Cyberoam CR15iNG UTM Firewall
The Cyberoam CR15iNG Unified Threat Management Appliance includes UTM security features and performance required for future networks. Cyberoam CR15iNG Features

ï¿½ Future-ready Connectivity - “IPv6 Ready” Gold Logo
ï¿½ 3G/4G/WiMAX Connectivity
ï¿½ HTTPS/SSL Content Security
ï¿½ Network Security, Firewall, Intrusion Prevention System
ï¿½ Content Security, Anti-Virus/Anti-Spyware, Anti-Spam (Inbound/Outbound)

The CR15iNG for SOHO offer “the fastest UTMs made for SMBs” too small offices. The best-in-class hardware along with software to match, enables the NG series to offer unmatched throughput speeds, compared to any other UTM appliance in this market segment. This assures support for future IT trends in organisations like high-speed Internet and rising number of devices in organisations – offering future-ready security for small office networks.
With the Cyberoam NG series, businesses get assured Security, Connectivity and Productivity. The Layer 8 Technology treats User-Identity as the 8th Layer or the HUMAN layer in the protocol stack. It attaches User-Identity to security, which adds speed to an organization’s security by offering instant visibility into the source of attacks by username rather than only IP address. Cyberoam’s Extensible Security Architecture (ESA) supports feature enhancements that can be developed rapidly and deployed with minimum efforts, offering future-ready security to organisations.
Cyberoam CR15iNG UTM Firewall Technical Specifications
Interfaces

ï¿½ Copper GbE Ports3
ï¿½ Configurable Internal/DMZ/WAN Ports Yes
ï¿½ Console Ports (Rj45) 1
ï¿½ USB Ports 2

System Performance

ï¿½ Firewall throughput (UDP) (Mbps) 1,000
ï¿½ Firewall throughput (TCP) (Mbps) 750
ï¿½ New sessions/second 3,500
ï¿½ Concurrent sessions 60,000
ï¿½ IPSec VPN throughput (Mbps) 110
ï¿½ No. of IPSec Tunnels 50
ï¿½ SSLVPN Throughput (Mbps) 50
ï¿½ Anti-Virus throughput (Mbps) 180
ï¿½ IPS throughput (Mbps) 140
ï¿½ UTM throughput (Mbps) 80

Stateful Inspection Firewall

Cyberoam CR15iNG UTM Firewall

ï¿½ Layer 8 (User - Identity) Firewall
ï¿½ Multiple Security Zones
ï¿½ Access Control Criteria (ACC) - User - Identity, Source& Destination Zone, MAC and IP address, Service
ï¿½ UTM policies - IPS, Web Filtering, ApplicationFiltering, Anti-Virus, Anti-Spam and BandwidthManagement
ï¿½ Layer 7 (Application) Control & Visibility
ï¿½ Access Scheduling
ï¿½ Policy based Source & Destination NAT
ï¿½ H.323, SIP NATTraversal
ï¿½ 802.1q VLAN Support
ï¿½ DoS & DDoS attack prevention
ï¿½ MAC & IP-MAC filtering and Spoof prevention

GatewayAnti-Virus &Anti-Spyware

ï¿½ Virus, Worm, Trojan: Detection & Removal
ï¿½ Spyware, Malware, Phishing protection
ï¿½ Automatic virus signature database update
ï¿½ Scans HTTP, HTTPS, FTP, SMTP, POP3, IMAP, IM,VPN Tunnels
ï¿½ Customize individual user scanning
ï¿½ Scan and deliver by file size
ï¿½ Block by file types
ï¿½ Add disclaimer/signature

GatewayAnti-Spam

ï¿½ Inbound Scanning
ï¿½ Real-time Blacklist (RBL), MIME header check
ï¿½ Filter based on message header, size, sender,recipient
ï¿½ Subject line tagging
ï¿½ IP address Black list/White list
ï¿½ Redirect Spam mails to dedicated email address
ï¿½ Image-based Spam filtering using RPD Technology
ï¿½ Zero hour Virus Outbreak Protection
ï¿½ IP Reputation-based Spam filtering
ï¿½ Spam notification through digest

Intrusion Prevention System

ï¿½ Signatures: Default (4500+), Custom
ï¿½ IPS Policies: Multiple, Custom
ï¿½ User-based policy creation
ï¿½ Automatic real-time updates from CRProtect networks
ï¿½ ProtocolAnomaly Detection
ï¿½ DDoS attack prevention
ï¿½ SCADA-aware IPS with pre-defined category for ICSand SCADAsignature

Web Filtering

ï¿½ Inbuilt Web Category Database
ï¿½ URL, keyword, File type block
ï¿½ Categories: Default(82+), Custom
ï¿½ Protocols supported: HTTP, HTTPS

Cyberoam CR15iNG UTM Firewall

ï¿½ Block Malware, Phishing, Pharming URLs
ï¿½ Schedule-based access control
ï¿½ Custom block messages per category
ï¿½ Block JavaApplets, Cookies,Active X
ï¿½ CIPA Compliant
ï¿½ Data leakage control via HTTP, HTTPS upload

Application Filtering

ï¿½ InbuiltApplication Category Database
ï¿½ 11+ Application Categories: e.g. Gaming, IM, P2P
ï¿½ Schedule-based access control
ï¿½ Block
ï¿½ P2P applications e.g. Skype
ï¿½ Anonymous proxies e.g. Ultra surf
ï¿½ “Phone home” activities
ï¿½ Layer 7 (Applications) & Layer 8 (User - Identity)Visibility
ï¿½ Securing SCADANetworks
ï¿½ SCADA/ICS Signature-based Filtering forProtocols - Modbus, DNP3, IEC, Bacnet,Omron FINS, Secure DNP3, Longtalk
ï¿½ Control various Commands and Functions

Virtual Private Network

ï¿½ IPSec, L2TP, PPTP
ï¿½ Encryption - 3DES, DES, AES, Twofish, Blowfish,Serpent
ï¿½ HashAlgorithms - MD5, SHA-1
ï¿½ Authentication - Preshared key, Digital certificates
ï¿½ IPSec NATTraversal
ï¿½ Dead peer detection and PFS support
ï¿½ Diffie Hellman Groups - 1,2,5,14,15,16
ï¿½ External CertificateAuthority support
ï¿½ Export Road Warrior connection configuration
ï¿½ Domain name support for tunnel end points
ï¿½ VPN connection redundancy
ï¿½ Overlapping Network support
ï¿½ Hub & Spoke VPN support

SSL VPN

ï¿½ TCP & UDPTunneling
ï¿½ Authentication - Active Directory, LDAP, RADIUS,Cyberoam
ï¿½ Multi-layered Client Authentication - Certificate,Username/Password
ï¿½ User & Group policy enforcement
ï¿½ Network access - Split and Full tunnelling
ï¿½ Browser-based (Portal)Access - Clientless access
ï¿½ Lightweight SSLVPN Tunneling Client
ï¿½ Granular access control to all the Enterprise Networkresources
ï¿½ Administrative controls - Session timeout, Dead PeerDetection, Portal customization
ï¿½ TCP- based Application Access - HTTP, HTTPS, RDP,TELNET, SSH

Instant Messaging (IM) Management

ï¿½ Yahoo and Windows Live Messenger
ï¿½ Virus Scanning for IM traffic

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ï¿½ Allow/Block Login
ï¿½ Allow/Block File Transfer
ï¿½ Allow/Block Webcam
ï¿½ Allow/Block one-to-one/group chat
ï¿½ Content-based blocking
ï¿½ IM activities Log
ï¿½ Archive files transferred
ï¿½ CustomAlerts

Wireless WAN

ï¿½ USB port 3G/4G and Wimax Support
ï¿½ Primary WAN link
ï¿½ WAN Backup link

Bandwidth Management

ï¿½ Application and User Identity-based BandwidthManagement
ï¿½ Guaranteed & Burstable bandwidth policy
ï¿½ Application & User Identity based Traffic Discovery
ï¿½ Multi WAN bandwidth reporting
ï¿½ Category-based bandwidth restriction

User Identity and Group Based Controls

ï¿½ Access time restriction
ï¿½ Time and Data Quota restriction
ï¿½ Schedule based Committed and BurstableBandwidth
ï¿½ Schedule based P2P and IM Controls

Networking

ï¿½ - Failover - Automated Failover/Failback, Multi-WANfailover, 3GModem failover
ï¿½ WRR based load balancing
ï¿½ Policy routing based onApplication and User
ï¿½ IPAddressAssignment - Static, PPPoE, L2TP, PPTP& DDNS Client, Proxy ARP, DHCP server, DHCPrelay
ï¿½ Support for HTTP Proxy
ï¿½ Dynamic Routing: RIP v1& v2, OSPF, BGP, MulticastForwarding
ï¿½ Parent Proxy support with FQDN
ï¿½ “IPv6 Ready” Gold Logo

Administration & System Management

ï¿½ Web-based configuration wizard
ï¿½ Role-based access control
ï¿½ Firmware Upgrades via Web UI
ï¿½ Web 2.0 compliant UI (HTTPS)
ï¿½ UI Color Styler
ï¿½ Command Line Interface (Serial, SSH, Telnet)
ï¿½ SNMP (v1, v2c, v3)
ï¿½ Multi-lingual support: Chinese, Hindi, French,Korean
ï¿½ Cyberoam Central Console (Optional)
ï¿½ Network Time Protocol Support

Cyberoam CR15iNG UTM Firewall

UserAuthentication

ï¿½ Internal database
ï¿½ Active Directory Integration
ï¿½ Automatic Windows Single Sign On
ï¿½ External LDAP/RADIUS database integration
ï¿½ Thin Client support - Microsoft Windows Server 2003Terminal Services and Citrix XenApp -
NovelleDirectory
ï¿½ RSASecurID support
ï¿½ ExternalAuthentication - Users andAdministrators
ï¿½ User/MAC Binding
ï¿½ MultipleAuthentication servers

Logging/Monitoring

ï¿½ Graphical real-time logging and monitoring
ï¿½ Syslog support
ï¿½ Log Viewer - Firewall, IPS, Web filter, Anti Virus, Anti
ï¿½ Spam,Authentication, System andAdmin Events

IPSec VPN Client**

ï¿½ Inter-operability with major IPSec VPN Gateways
ï¿½ Supported platforms: Windows 2000, WinXP 32/64-bit, Windows 2003 32-bit, Windows 2008
32/64-bit,Windows Vista 32/64-bit, Windows 7 RC1 32/64-bit
ï¿½ Import Connection configuration

Certification

ï¿½ Common Criteria - EAL4+
ï¿½ ICSAFirewall - Corporate
ï¿½ Checkmark UTM Level 5 Certification
ï¿½ VPNC - Basic andAES interoperability
ï¿½ “IPv6 Ready” Gold Logo

Hardware Specifications

ï¿½ Memory 2GB
ï¿½ Compact Flash 4GB

Compliance

ï¿½ CE
ï¿½ FCC

Dimensions

ï¿½ H x W x D (inches) 1.7 x 6 x 9.1
ï¿½ H x W x D (cms) 4.4 x 15.3 x 23.2
ï¿½ Weight 1.5 kg, 3.307 lbs

Power

ï¿½ Input Voltage 100-240 VAC
ï¿½ Consumption 13.2W

Cyberoam CR15iNG UTM Firewall

ï¿½ Total Heat Dissipation (BTU) 45

Environmental

ï¿½ Operating Temperature 0 to 40 °C
ï¿½ Storage Temperature 10 to 90%
ï¿½ Relative Humidity (Non condensing) 10 to 90%

Please Enquire

Options available for Cyberoam CR15iNG UTM Firewall :

TVS Licence Required?
Not Required,   1 Year License TVS-PRC-0015iNG-01 (+£145.20),   2 Year License TVS-PRC-0015iNG-02 (+£266.90),   3 Year License TVS-PRC-0015iNG-03 (+£371.10).