Cyberoam CR25iNG UTM Firewall



Product Name: Cyberoam CR25iNG UTM Firewall
Manufacturer: -
Model Number: CR25iNG

Please Note: This product has been discontinued. Please see the Sophos XG Firewall XG125 Appliance.

Please note: Total Value Subscription (TVS) includes: Anti Malware Anti-Spam, Web & Application Filter, Intrusion Prevention System, 8 x 5 Support, Hardware Warranty. If you do not want to purchase a (TVS) Licence please contact us for additional options.

Cyberoam CR25iNG UTM Firewall
The Cyberoam CR25iNG UTM Firewall is a Next-Generation network security appliance that includes UTM security features and performance required for future networks. The NG series for SOHO offer “the fastest UTMs made for SMBs” too small offices. Cyberoam CR25iNG Features

ï¿½ Offering “the fastest UTMs made for SMBs to Small Offices
ï¿½ Application Visibility & Control
ï¿½ Instant Messaging Archiving & Controls
ï¿½ Web Application Firewall
ï¿½ HTTPS/SSL Content Security
ï¿½ iView- Logging & Reporting

The Cyberoam CR25iNG UTM Firewall offers the best-in-class hardware along with software to match, enables the Cyberoam CR25iNG 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 organizations– offering future-ready security for small office networks.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’sExtensible Security Architecture (ESA) supports feature enhancements that can be developed rapidly and deployed with minimum efforts, offering future-ready security to organisations.
Technical Specifications
Interfaces

ï¿½ 4 Copper GbE Ports
ï¿½ Configurable Internal/DMZ/WAN Ports
ï¿½ 1 Console Ports (RJ45)
ï¿½ 2 USB Ports

System Performance*

ï¿½ Firewall Throughput (UDP) (Mbps) 1,500
ï¿½ Firewall Throughput (TCP) (Mbps) 1,500
ï¿½ New sessions/second 5,000Concurrent sessions 150,000
ï¿½ IPSec VPN Throughput (Mbps) 210
ï¿½ No. of IPSec Tunnels 100
ï¿½ SSL VPN Throughput (Mbps) 75
ï¿½ WAF Protected Throughput (Mbps) 45Anti-Virus Throughput (Mbps) 300

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ï¿½ IPS Throughput (Mbps) 200
ï¿½ UTM Throughput (Mbps) 110

Stateful Inspection Firewall

ï¿½ Wireless Standards - IEEE 802.11 a/b/g/n (WEP, WPA, WPA2, 802.11i , TKIP, AES, PSK)
ï¿½ Antenna - Detachable 3x3 MIMO
ï¿½ Access Points - Up to 8 bssid
ï¿½ Transmit Power (EIRP)- 11n HT40 : +15dBm, 11b CCK: +15dBm, 11g OFDM:+15dBm
ï¿½ Receiver Sensitivity - -68dBm at 300Mbps, -70dBm at 54Mbps, -88dBm at 6Mbps
ï¿½ Frequency Range - 2.412 GHz - 2.472 GHz, 5.200 GHz - 5.825 GHz
ï¿½ Number of Selectable Channels- USA (FCC) - 11 channels, EU (ETSI) / Japan (TELEC) - 13 channels
ï¿½ Data Rate - 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54Mbps, 802.11b: 1, 2, 5,5, 11Mbps, 802.11n: up to 450Mbps

System Performance*

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

Stateful Inspection Firewall

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

Gateway Anti-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

Gateway Anti-Spam

ï¿½ Inbound/Outbound 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

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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 Self Service Quarantine area
ï¿½ Spam Notification through Digest
ï¿½ IP Reputation-based Spam filtering

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 ICS and SCADAsignatures

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
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 SCADA Networks
ï¿½ SCADA/ICS Signature-based Filtering for Protocols
ï¿½ Modbus, DNP3, IEC, Bacnet, Omron FINS, SecureDNP3, Longtalk
ï¿½ Control various Commands and Functions

Web Application Firewall

ï¿½ Positive Protection model
ï¿½ Unique "Intuitive Website Flow Detector" technology
ï¿½ Protection against SQL Injections, Cross-site Scripting(XSS), Session Hijacking, URL Tampering, Cookie Poisoning
ï¿½ Support for HTTP 0.9/1.0/1.1
ï¿½ Extensive Logging & Reporting

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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 NAT Traversal
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 ClientAuthentication - Certificate,Username/Password
ï¿½ User &Group policy enforcement
ï¿½ Network access - Split and Full tunneling
ï¿½ Browser-based (Portal)Access - Clientless access
ï¿½ Lightweight SSLVPN Tunneling Client
ï¿½ Granular access control to all the Enterprise Network resources
ï¿½ Administrative controls - Session timeout, Dead Peer Detection, Portal customization
ï¿½ - TCP- basedApplicationAccess - HTTP, HTTPS,RDP, TELNET, SSH

Instant Messaging (IM) Management

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

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

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User Identity and Group Based Controls

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

Networking

ï¿½ Failover - Automated Failover/Failback, Multi-WAN failover,3GModem failover
ï¿½ WRR based load balancing
ï¿½ Policy routing based onApplication and User
ï¿½ IP Address Assignment - Static, PPPoE, L2TP, PPTP & DDNSClient, Proxy ARP, DHCP server, DHCP relay
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

High Availability

ï¿½ Active-Active
ï¿½ Active-Passive with State Synchronization
ï¿½ Stateful failover
ï¿½ Alerts on appliance status change

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

User Authentication

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 2003
ï¿½ Terminal Services and Citrix XenApp
ï¿½ RSAsecurID support
ï¿½ ExternalAuthentication - Users andAdministrators
ï¿½ User/MAC Binding
ï¿½ Multiple Authentication servers

Logging/Monitoring

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

On-Appliance Cyberoam-i View Reporting

ï¿½ Integrated Web-based Reporting tool -Cyberoam-iView
ï¿½ 1000+ drilldown reports
ï¿½ 45+ Compliance Reports
ï¿½ Historical and Real-time reports
ï¿½ Multiple Dashboards
ï¿½ Username, Host, Email ID specific Monitoring Dashboard
ï¿½ Reports - Security, Virus, Spam, Traffic, Policy violations,VPN, Search Engine keywords
ï¿½ Multi-format reports - tabular, graphical
ï¿½ Exportable formats - PDF, Excel
ï¿½ Automated Report Scheduling

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 Vista32/64-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 2GB
ï¿½ HDD 250GB or higher

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 - 2.3kg, 5.07 lbs

Power

ï¿½ Input Voltage - 100-240 VAC
ï¿½ Consumption - 33.5w
ï¿½ Total Heat Dissipation (BTU) 114

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Environmental

ï¿½ Operating Temperature - 0 to 40 °C
ï¿½ Storage Temperature -25 to 75 °C
ï¿½ Relative Humidity (Non condensing) 10 to 90%

Please Enquire

Options available for Cyberoam CR25iNG UTM Firewall :

TVS Licence Required?

Not Required, 1 Year License - TVS-PRC-0025iNG-01 (+£283.60), 2 Year License - TVS-PRC-0025iNG-02 (+£496.20), 3 Year License - TVS-PRC-0025iNG-03 (+£652.20).